Appendix B-1
Air Quality Impact Analysis

Mesa Verde Specific Plan

AIR QUALITY IMPACT ANALYSIS

CITY OF CALIMESA

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TABLE OF CONTENTS

TABLE OF CONTENTS ..... **I**
APPENDICES ..... **II**
LIST OF EXHIBITS ..... **II**
LIST OF TABLES ..... **II**
LIST OF ABBREVIATED TERMS ..... **IV**
EXECUTIVE SUMMARY **9**
ES.1 Summary of Findings 9
ES.2 Regulatory Requirements 9
ES.3 Project Mitigation Measures 12
1 INTRODUCTION **22**
1.1 Site Location 22
1.2 Project Description 22
2 AIR QUALITY SETTING **27**
2.1 South Coast Air Basin 27
2.2 Regional Climate 27
2.3 Wind Patterns and Project Location 28
2.4 Criteria Pollutants 29
2.5 Existing Air Quality 36
2.6 Regional Air Quality 39
2.7 Local Air Quality 39
2.8 Regulatory Background 40
2.9 Regional Air Quality Improvement 47
3 PROJECT AIR QUALITY IMPACT **59**
3.1 Introduction 59
3.2 Standards of Significance 59
3.3 Models Employed To Analyze Air Quality 60
3.4 Construction Emissions 61
3.5 Operational Emissions 72
3.6 Comparison to Currently Approved Project 83
3.7 Localized Air Quality Impacts 84
3.8 CO "Hot Spot" Analysis 96
3.9 AQMP 99
3.10 Potential Impacts to Sensitive Receptors 102
3.11 Odors 103
3.12 Cumulative Impacts 104
4 REFERENCES **107**
5 CERTIFICATIONS **111**

APPENDICES

APPENDIX 2.1: STATE/FEDERAL ATTAINMENT STATUS OF CRITERIA POLLUTANTS
APPENDIX 3.1: CALEEMOD PROJECT CONSTRUCTION EMISSIONS MODEL OUTPUTS
APPENDIX 3.2: CALEEMOD PROJECT REGIONAL OPERATIONAL EMISSIONS MODEL OUTPUTS
APPENDIX 3.3: CALEEMOD PROJECT LOCALIZED OPERATIONAL EMISSIONS MODEL OUTPUTS
APPENDIX 3.4: AERMOD MODELING OUTPUTS

LIST OF EXHIBITS

EXHIBIT 1-A: LOCATION MAP 24
EXHIBIT 1-B: LAND USE PLAN 25
EXHIBIT 2-A: DPM AND DIESEL VEHICLE MILES TREND 55
EXHIBIT 2-B: MATES V RISK MAP 56
EXHIBIT 3-A: RECEPTOR LOCATIONS 88

LIST OF TABLES

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS 9
TABLE 2-1: CRITERIA POLLUTANTS 29
TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (1 OF 2) 37
TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (2 OF 2) 38
TABLE 2-4: ATTAINMENT STATUS OF CRITERIA POLLUTANTS IN THE SCAB 39
TABLE 2-4: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2020-2022 40
TABLE 2-5: SCAB O_3 TREND 48
TABLE 2-6: SCAB AVERAGE 24-HOUR CONCENTRATION PM_{10} TREND (BASED ON FEDERAL STANDARD)[1] 48
TABLE 2-7: SCAB ANNUAL AVERAGE CONCENTRATION PM_{10} TREND (BASED ON STATE STANDARD)[1] . 49
TABLE 2-8: SCAB 24-HOUR AVERAGE CONCENTRATION $PM_{2.5}$ TREND (BASED ON FEDERAL STANDARD)[1] 49
TABLE 2-9: SCAB ANNUAL AVERAGE CONCENTRATION $PM_{2.5}$ TREND (BASED ON STATE STANDARD)[1]. 50
TABLE 2-10: SCAB 8-HOUR AVERAGE CONCENTRATION CO TREND[1] 52
TABLE 2-11: SCAB 1-HOUR AVERAGE CONCENTRATION NO_2 TREND (BASED ON FEDERAL STANDARD) 53
TABLE 2-12: SCAB 1-HOUR AVERAGE CONCENTRATION NO_2 TREND (BASED ON STATE STANDARD) ... 53
TABLE 3-1: MAXIMUM DAILY REGIONAL EMISSIONS THRESHOLDS 60
TABLE 3-2: CONSTRUCTION DURATION 63
TABLE 3-3: CONSTRUCTION EQUIPMENT ASSUMPTIONS 64
TABLE 3-4: OVERALL CONSTRUCTION EMISSIONS SUMMARY (WITHOUT MITIGATION) 67
TABLE 3-5: OVERALL CONSTRUCTION EMISSIONS SUMMARY (WITH MITIGATION) 71
TABLE 3-6: PASSENGER CAR FLEET MIX 74
TABLE 3-7: TRUCK FLEET MIX 74
TABLE 3-8: SUMMARY OF PEAK OPERATIONAL EMISSIONS 83
TABLE 3-9: CURRENTLY APPROVED PROJECT OPERATIONAL EMISSIONS 84
TABLE 3-10: OPERATIONAL EMISSIONS COMPARISON 84
TABLE 3-11: LOCALIZED SIGNIFICANCE SUMMARY PHASE 1 CONSTRUCTION (WITHOUT MITIGATION) 89
TABLE 3-12: LOCALIZED SIGNIFICANCE SUMMARY PHASE 2 CONSTRUCTION (WITHOUT MITIGATION) 89

TABLE 3-13: LOCALIZED SIGNIFICANCE SUMMARY PHASE 3 CONSTRUCTION (WITHOUT MITIGATION)90
TABLE 3-14: LOCALIZED SIGNIFICANCE SUMMARY PHASE 4 CONSTRUCTION (WITHOUT MITIGATION)90
TABLE 3-15: LOCALIZED SIGNIFICANCE SUMMARY PHASE 5 CONSTRUCTION (WITHOUT MITIGATION)91
TABLE 3-16: LOCALIZED SIGNIFICANCE SUMMARY PHASE 1 CONSTRUCTION (WITH MITIGATION) 91
TABLE 3-17: LOCALIZED SIGNIFICANCE SUMMARY PHASE 2 CONSTRUCTION (WITH MITIGATION) 92
TABLE 3-18: LOCALIZED SIGNIFICANCE SUMMARY PHASE 3 CONSTRUCTION (WITH MITIGATION) 92
TABLE 3-19: LOCALIZED SIGNIFICANCE SUMMARY PHASE 4 CONSTRUCTION (WITH MITIGATION) 93
TABLE 3-20: LOCALIZED SIGNIFICANCE SUMMARY PHASE 5 CONSTRUCTION (WITH MITIGATION) 93
TABLE 3-21: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 1..... 94
TABLE 3-22: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 2..... 94
TABLE 3-23: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 3..... 95
TABLE 3-24: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 4..... 95
TABLE 3-25: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 5..... 96
TABLE 3-21: CO MODEL RESULTS..... 97
TABLE 3-22: TRAFFIC VOLUMES..... 98
TABLE 3-23: PEAK HOUR TRAFFIC VOLUMES 98

LIST OF ABBREVIATED TERMS

%	Percent
°F	Degrees Fahrenheit
(1)	Reference
µg/m^3	Microgram per Cubic Meter
1992 CO Plan	*1992 Federal Attainment Plan for Carbon Monoxide*
1993 CEQA Handbook	*SCAQMD's CEQA Air Quality Handbook (1993)*
2016-2040 RTP/SCS	*2016-2040 Regional Transportation Plan/Sustainable Communities Strategy*
AB 2595	California Clean Air Act
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AQIA	Air Quality Impact Analysis
AQMP	Air Quality Management Plan
BACT	Best Available Control Technology
BC	Black Carbon
BNAP	Banning
Brief	*Brief of Amicus Curiae by the SCAQMD in the Friant Ranch Case*
C_2Cl_4	Perchloroethylene
C_4H_6	1,3-butadiene
C_6H_6	Benzene
C_2H_3Cl	Vinyl Chloride
C_2H_4O	Acetaldehyde
CAA	Federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen	California Green Building Standards Code
CAP	Climate Action Plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEQA Guidelines	*2019 CEQA Statute and Guidelines*
CH_2O	Formaldehyde

City	City of Calimesa
CO	Carbon Monoxide
COH	Coefficient of Haze
COHb	Carboxyhemoglobin
Cr(VI)	Chromium
CTP	Clean Truck Program
DPM	Diesel Particulate Matter
DRRP	Diesel Risk Reduction Plan
EC	Elemental Carbon
EIR	Environmental Impact Report
EMFAC	Emissions FACtor Model
EPA	Environmental Protection Agency
ETW	Equivalent Test Weight
EV	Electric Vehicle
Final EIR	Renaissance Specific Plan Final Environmental Impact Report
g/L	Grams per Liter
GHG	Greenhouse Gas
GVWR	Gross Vehicle Weight Rating
H_2S	Hydrogen Sulfide
HDT	Heavy-Duty Trucks
HHDT	Heavy-Heavy-Duty Trucks
HI	Hazard Index
hp	Horsepower
HPLV	High-Pressure-Low-Volume
ISR	Indirect Source Review
lbs	Pounds
lbs/day	Pounds Per Day
LDA	Light Duty Auto
LDT1/LDT2	Light-Duty Trucks
LED	Light-Emitting Diode
LHDT1/LHDT2	Light-Heavy-Duty Trucks
LST	Localized Significance Threshold
LST Methodology	*Final Localized Significance Threshold Methodology*
MATES	Multiple Air Toxics Exposure Study
MCY	Motorcycles
MDV	Medium-Duty Vehicles
MHDT	Medium-Heavy-Duty Trucks

MICR	Maximum Individual Cancer Risk
MM	Mitigation Measures
mph	Miles Per Hour
MWELO	California Department of Water Resources' Model Water Efficient
N_2	Nitrogen
N_2O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NO	Nitric Oxide
NO_2	Nitrogen Dioxide
NO_X	Nitrogen Oxides
O_2	Oxygen
O_3	Ozone
O_2 Deficiency	Chronic Hypoxemia
OBD-II	On-Board Diagnostic
ODC	Ozone Depleting Compounds
Pb	Lead
PM	Particulate Matter
PM_{10}	Particulate Matter 10 microns in diameter or less
$PM_{2.5}$	Particulate Matter 2.5 microns in diameter or less
POLA	Port of Los Angeles
POLB	Port of Long Beach
ppm	Parts Per Million
Project	Mesa Verde Specific Plan
RECLAIM	Regional Clean Air Incentives Market
RFG-2	Reformulated Gasoline Regulation
RIVTAM	Riverside County Transportation Analysis Model
ROG	Reactive Organic Gases
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
sf	Square Feet
SHGC	Solar Heat Gain Coefficient
SIPs	State Implementation Plans
SO_2	Sulfur Dioxide
SO_4	Sulfates
SO_X	Sulfur Oxides

SOI	Sphere of Influence
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TDM	Transportation Demand Management
Title 24	California Building Code
TITLE I	Non-Attainment Provisions
TITLE II	Mobile Sources Provisions
TRUs	Transportation Refrigeration Units
UFP	Ultrafine Particles
URBEMIS	URBan EMISsions
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
vph	Vehicles Per Hour
WAIRE Points	Warehouse Actions and Investments to Reduce Emissions Points
WPCO	Warehouse Points Compliance Obligation

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EXECUTIVE SUMMARY

ES.1 SUMMARY OF FINDINGS

The results of this *Mesa Verde Specific Plan Air Quality Impact Analysis* (AQIA) are summarized below based on the significance criteria in Section 3 of this report consistent with Appendix G of the *CEQA Guidelines* (*CEQA Guidelines*) (1). Table ES-1 shows the findings of significance for each potential air quality impact under CEQA before and after any required mitigation measures (MM) described below.

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS

Analysis	Report Section	Significance Findings	
		Unmitigated	Mitigated
Regional Construction Emissions	3.4	*Potentially Significant*	*Less Than Significant*
Localized Construction Emissions	3.6	*Less Than Significant*	*n/a*
Regional Operational Emissions	3.5	*Potentially Significant*	*Significant and Unavoidable*
Localized Operational Emissions	3.6	*Less Than Significant*	*n/a*
CO "Hot Spot" Analysis	3.7	*Less Than Significant*	*n/a*
Air Quality Management Plan	3.8	*Potentially Significant*	*Significant and Unavoidable*
Sensitive Receptors	3.9	*Less Than Significant*	*n/a*
Odors	3.10	*Less Than Significant*	*n/a*
Cumulative Impacts	3.11	*Potentially Significant*	*Significant and Unavoidable*

ES.2 REGULATORY REQUIREMENTS

There are numerous requirements that development projects must comply with by law, and that were put in place by federal, State, and local regulatory agencies for the improvement of air quality.

Any operation or activity that might cause the emission of any smoke, fly ash, dust, fumes, vapors, gases, or other forms of air pollution, which can cause damage to human health, vegetation, or

other forms of property, or can cause excessive soiling on any other parcel shall conform to the requirements of the South Coast Air Quality Management District (SCAQMD).

SCAQMD Rules that are currently applicable to this Project are described below.

SCAQMD RULE 402

A person shall not discharge from any source whatsoever such quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or that endanger the comfort, repose, health, or safety of any such persons or the public, or that cause, or have a natural tendency to cause, injury or damage to business or property. The provisions of this rule do not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.

Odor Emissions. All uses shall be operated in a manner such that no offensive odor is perceptible at or beyond the property line of that use.

SCAQMD RULE 403

This rule is intended to reduce the amount of particulate matter entrained in the ambient air as a result of anthropogenic (human-made) fugitive dust sources by requiring actions to prevent and reduce fugitive dust emissions. Rule 403 applies to any activity or human-made condition capable of generating fugitive dust and requires best available control measures to be applied to earth moving and grading activities.

Dust Control, Operations. Any operation or activity that might cause the emission of any smoke, fly ash, dust, fumes, vapors, gases, or other forms of air pollution, which can cause damage to human health, vegetation, or other forms of property, or can cause excessive soiling on any other parcel, shall conform to the requirements of the SCAQMD.

SCAQMD RULE 1113

This rule serves to limit the VOC content of architectural coatings used on projects in the SCAQMD. This rule applies to any person who supplies, sells, offers for sale, or manufactures any architectural coating for use on projects.

SCAQMD RULE 1301

This rule is intended to provide that pre-construction review requirements to ensure that new or relocated facilities do not interfere with progress in attainment of the National Ambient Air Quality Standards (NAAQS), while future economic growth within the SCAQMD is not unnecessarily restricted. The specific air quality goal is to achieve no net increases from new or modified permitted sources of nonattainment air contaminants or their precursors. Rule 1301 also limits emission increases of ammonia, and Ozone Depleting Compounds (ODCs) from new, modified or relocated facilities by requiring the use of Best Available Control Technology (BACT).

SCAQMD RULE 1401

A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any 1 hour that is as dark or darker in shade as that designated No. 1 on the Ringelmann Chart, as published by the United States (U.S.) Bureau of Mines.

SCAQMD RULE 2202

Tenants who employ 250 or more employees on a full- or part-time basis shall comply with SCAQMD Rule 2202, On-Road Motor Vehicle Mitigation Options. The purpose of this rule is to provide employees with a menu of options to reduce employee commute vehicle emissions. Tenants with less than 250 employees or tenants with 250 or more employees who are exempt from SCAQMD Rule 2202 (as stated in the Rule) shall either (a) join with a tenant who is implementing a program in accordance with Rule 2202 or (b) implement an emission reduction program similar to Rule 2202 with annual reporting of actions and results to the City of Calimesa. The tenant-implemented program would include, but not be limited to the following:

- Appoint a Transportation Demand Management (TDM) coordinator who would promote the TDM program, activities and features to all employees.
- Create and maintain a "commuter club" to manage subsidies or incentives for employees who carpool, vanpool, bicycle, walk, or take transit to work.
- Inform employees of public transit and commuting services available to them (e.g., social media, signage).
- Provide on-site transit pass sales and discounted transit passes.
- Guarantee a ride home.
- Offer shuttle service to and from public transit and commercial areas/food establishments, if warranted.
- Coordinate with the Riverside Transit Agency and employers in the surrounding area to maximize the benefits of the TDM program."

SCAQMD RULE 2305

The SCAQMD adopted Rule 2305, the Warehouse Indirect Source Rule, on May 7, 2021. Owners and operators associated with warehouses 100,000 square feet (sf) or larger are required to directly reduce nitrogen oxides (NO_X) and particulate matter emissions, or to otherwise facilitate emission and exposure reductions of these pollutants in nearby communities. The rule imposes a "Warehouse Points Compliance Obligation" (WPCO) on warehouse operators. Operators satisfy the WPCO by accumulating "Warehouse Actions and Investments to Reduce Emissions Points" (WAIRE Points) in a given 12-month period. WAIRE Points are awarded by implementing measures to reduce emissions listed on the WAIRE Menu, or by implementing a custom WAIRE Plan approved by the SCAQMD.

Although the Project would comply with Rule 2305, it should be noted that there is no way to quantify these reductions in the California Emissions Estimator Model (CalEEMod). The two most pertinent regulatory requirements that could be modeled, are Rule 403 (Fugitive Dust) (2) and

Rule 1113 (Architectural Coatings) (3). Credit for Rule 403 and Rule 1113 have been taken in the analysis.

ES.3 PROJECT MITIGATION MEASURES

ES.3.1 CONSTRUCTION-SOURCE MMS

APPLICABLE MITIGATION MEASURES FROM 2017 EIR ADDENDUM

The following Mitigation Measures (MM) AQ-1 through AQ-5 were taken directly from the *Addendum to the: Mesa Verde Specific Plan Environmental Impact Report SCH No. #2004071045* (2017).

MM AQ-1

Prior to the commencement of construction activities for the Project, the Applicant shall require its construction contractor to use California Air Resources Board (CARB)-certified Tier 4 Final engines for all diesel-powered equipment pieces that are 50 horsepower or greater throughout all phases of construction.

In the event of changed circumstances (e.g., changes in the availability of specific types of construction equipment), the applicant may submit a request to the City of Calimesa Community Development Department to apply an equivalent method of achieving Project-generated construction emissions that fall below the numeric cancer risk standards established by the South Coast Air Quality Management District (SCAQMD). Documentation using industry-standard emission estimation methodologies shall be furnished to the City of Calimesa Community Development Department demonstrating that estimated Project-generated construction emissions would not exceed the estimated mitigated emissions for mass-daily regional construction emissions as presented in Section 4.2, Air Quality, of this Draft Environmental Impact Report and SCAQMD's cancer risk threshold of one in a million with the alternate construction method(s). If the documentation demonstrates that Project-generated construction emissions will remain below estimated mitigated emissions for mass-daily regional construction emissions as presented in Section 4.2, Air Quality, of this Draft Environmental Impact Report and SCAQMD's cancer risk threshold of one in a million, then the City of Calimesa Community Development Department Director may approve the alternate construction method(s), at the Director's discretion.

Required construction equipment fleet and methodologies approved by the City shall be included in the contract specifications for the applicant's construction contractor.

MM AQ-1 is quantified in the construction analysis within the CalEEMod mitigation module, wherein all off-road equipment with engines rated at 50 horsepower or greater are assumed to meet Tier 4 Final regulations.

MM AQ-2

The construction contractor shall include the following recommendation within their contractor plans: regularly scheduled engine maintenance be performed to minimize equipment emissions, and that maintenance records, data sheets, specifications, and emission control tiers be maintained onsite and furnished to the lead agency or other regulators upon request.

MM AQ-2 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-3

The construction contractor shall include the following recommendation within their contractor plans: alternative fuels, such as electric or ultra-low sulfur diesel off-road construction vehicles/equipment where applicable and feasible. Such equipment shall be considered feasible if available within Riverside County.

MM AQ-3 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-4

Electric or non-diesel-powered equipment shall be used rather than gasoline-powered engines where feasible.

The analysis conservatively assumed all construction equipment would be diesel-powered.

MM AQ-5

Applicants for new development projects within the Mesa Verde Specific Plan shall require the construction contractor to use coatings and solvents with a volatile organic compound (VOC) content of 10 grams per liter (g/L) or less for all interior and exterior paint applications for residential and non-residential land uses. Use of paints with VOC content of less than 10 g/L and the spray method shall be included as a note on architectural building plans and verified by the Building Official or their designee during construction.

MM AQ-5 is quantified in the construction analysis within the mitigation module of CalEEMod, wherein 10 grams per liter VOC was selected for residential interior, residential exterior, non-residential interior, and non-residential exterior.

ADDITIONAL RECOMMENDED CONSTRUCTION MITIGATION MEASURES

MM AQ-6

Legible, durable, weather-proof signs shall be placed at construction staging areas within the Project site. At a minimum, each sign shall include: 1) instructions for construction workers to shut off engines when not in use; 2) instructions for operators of heavy-duty diesel construction equipment to restrict idling to no more than two (2) minutes once the vehicle is stopped, the transmission is set to "neutral" or "park," and the parking brake is engaged; and 3) telephone numbers of the building facilities manager to report violations.

MM AQ-6 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-7

The construction contractor shall use electric tools and provide electrical hookups to the power grid rather than utilize diesel-fueled generators for the powering of electric construction tools such as saws, drills, and compressors to the extent feasible.

MM AQ-7 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-8

The construction contractor shall include provide information on transit and ridesharing programs and services to construction employees.

MM AQ-8 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

ES.3.2 OPERATIONAL-SOURCE MMS

Unmitigated Project operational-source VOC, NOx, CO, PM_{10}, and $PM_{2.5}$ emissions would exceed applicable SCAQMD regional significance thresholds. The predominance of the Project's operational-source emissions are generated by passenger cars and trucks accessing the Project. Neither the Project Applicant nor the City have regulatory authority to control tailpipe emissions, and no feasible MMs beyond the measures identified herein exist that would reduce Project operational-source VOC, NO_X, CO, PM_{10}, and $PM_{2.5}$ emissions to levels that are less-than-significant. Project operational-source VOC, NO_X, CO, PM_{10}, and $PM_{2.5}$ emissions impacts are therefore considered significant and unavoidable.

The following measures (MM AQ-9 through MM AQ-30) are designed to reduce Project operational-source VOCs, NO_X, CO, PM_{10}, and $PM_{2.5}$ emissions. There is no way to meaningfully quantify these reductions in CalEEMod, and therefore no numeric emissions credit has been taken in the analysis. As such, even with application of MM AQ-9 through MM AQ-30, Project operational-source emissions impacts are considered significant and unavoidable.

APPLICABLE MITIGATION MEASURES FROM 2017 EIR ADDENDUM

The following MMs AQ-9 through AQ-11 were taken directly from the *Addendum to the: Mesa Verde Specific Plan Environmental Impact Report SCH No. #2004071045* (2017).

MM AQ-9

Construct, contribute, or dedicate land for the provision of on- site bicycle trails linking the facility to designated bicycle commuting routes.

MM AQ-9 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-10

Provide site improvements such as street furniture, route signs, bus turnouts, and sidewalks or pedestrian paths.

MM AQ-10 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-11

Build homes that exceed minimum statewide energy and water conservation construction requirements, such as:

- Use of low emission water heaters. Installation of low emission water heaters shall be verified by the Building Division during plan check.
- Use of energy efficient appliances. Installation of Energy Star appliances shall be verified by the Building Division during plan check.
- Use of light colored/earth tone roof tiles
- Exceed Title 24 energy efficiency requirements and/or offset building energy use through installation of photovoltaic panels on residential and non-residential buildings.
- Level 2 electric vehicle charging stations in single-family residential garages. The location of the electrical outlets shall be specified on building plans, and proper installation shall be verified by the Building Division prior to issuance of a Certificate of Occupancy.
- Use of low-flow water fixtures

MM AQ-11 is quantified in the analysis within the mitigation module of CalEEMod, wherein the installation of Energy Star refrigerators, clothes washers, and dishwashers as well as the use of low-flow kitchen faucets, dishwashers, and clothes washers was selected for the residential land uses. However, these mitigation measures would only reduce greenhouse gas emissions and no emission reductions would be realized for criteria pollutants.

ADDITIONAL RECOMMENDED OPERATIONAL MITIGATION MEASURES

MM AQ-12

For the warehouse/industrial portion of the Project, the buildings' electrical room shall be sufficiently sized to hold additional panels that may be needed to supply power for the future installation of electric vehicle (EV) truck charging stations on the site. Conduit should be installed from the electrical room to tractor trailer parking spaces in a logical location(s) on the site determined by the Project Applicant during construction document plan check, for the purpose of accommodating the future installation of EV truck charging stations at such time this technology becomes commercially available and the buildings are being served by trucks with electric-powered engines.

MM AQ-12 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-13

For the warehouse/industrial portion of the Project, the buildings' electrical room shall be sufficiently sized to hold additional panels that may be needed in the future to supply power to trailers with transport refrigeration units (TRUs) during the loading/unloading of refrigerated goods. Conduit should be installed from the electrical room to the loading docks determined by the Project Applicant during construction document plan check as the logical location(s) to receive trailers with TRUs.

MM AQ-13 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-14

Upon occupancy and annually thereafter, the facility operator shall provide information to all tenants, with instructions that the information shall be provided to employees and truck drivers as appropriate, regarding:

- Building energy efficiency, solid waste reduction, recycling, and water conservation.
- Vehicle GHG emissions, electric vehicle charging availability, and alternate transportation opportunities for commuting.
- Participation in the Voluntary Interindustry Commerce Solutions (VICS) "Empty Miles" program to improve goods trucking efficiencies.
- Health effects of diesel particulates, State regulations limiting truck idling time, and the benefits of minimized idling.
- The importance of minimizing traffic, noise, and air pollutant impacts to any residences in the Project vicinity.

MM AQ-14 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-15

Prior to issuance of a building permit, the project proponent shall provide the City with an onsite signage program that clearly identifies the required onsite circulation system, for the industrial portion of the Project. This shall be accomplished through posted signs and painting on driveways and internal roadways.

MM AQ-15 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-16

Prior to issuance of an occupancy permit, the City shall confirm that signs clearly identifying approved truck routes have been installed along the truck routes to and from the Project site.

MM AQ-16 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-17

Prior to issuance of an occupancy permit, the project proponent for the industrial portion of the Project, shall install a sign on the property with telephone, email, and regular mail contact information for a designated representative of the tenant who would receive complaints about excessive noise, dust, fumes, or odors. The sign shall also identify contact data for the City for perceived Code violations. The tenant's representative shall keep records of any complaints received and actions taken to communicate with the complainant and resolve the complaint. The tenant's representative shall endeavor to resolve complaints within 24 hours.

MM AQ-17 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-18

Prior to issuance of a building permit for the business park portion of the Project, the project proponent shall provide the City with project specifications, drawings, and calculations that demonstrate that main electrical supply lines and panels have been sized to support heavy truck charging facilities when these trucks become available. The calculations shall be based on reasonable predictions from currently available truck manufacturer's data. Electrical system upgrades that exceed reasonable costs shall not be required.

MM AQ-18 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-19

All on-site outdoor cargo-handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, forklifts, and other on-site equipment) shall be electric or non-diesel fueled. All on-site indoor forklifts shall be powered by electricity.

The analysis conservatively assumed all outdoor cargo-handling equipment would be natural gas-powered.

MM AQ-20

Prior to issuance of occupancy permits for the business park portion of the Project, the Project operator shall prepare and submit a Transportation Demand Management (TDM) program detailing strategies that would reduce the use of single occupant vehicles by employees by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. The TDM shall include, but is not limited to the following:

- Provide a transportation information center and on-site TDM coordinator to educate employers, employees, and visitors of surrounding transportation options.
- Promote bicycling and walking through design features such as showers for employees, self-service bicycle repair area, etc. around the project site.
- Provide secure bicycle storage space equivalent to two percent of the automobile parking spaces provided.
- Provide on-site car share amenities for employees who make only occasional use of a vehicle, as well as others who would like occasional access to a vehicle of a different type than they use day-to-day.
- Promote and support carpool/vanpool/rideshare use through parking incentives and administrative support, such as ride-matching service.
- Incorporate incentives for using alternative travel modes, such as preferential load/unload areas or convenient designated parking spaces for carpool/vanpool users.
- Provide meal options on-site or shuttles between the facility and nearby meal destinations.
- Each building shall provide preferred parking for electric, low-emitting and fuel - efficient vehicles equivalent to at least eight percent of the required number of parking spaces.

MM AQ-20 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-21

Prior to tenant occupancy, the Project Applicant or successor in interest shall provide documentation to the City demonstrating that occupants/tenants of the Project site have been provided informational documentation regarding:

- Information regarding energy efficiency, energy-efficient lighting and lighting control systems, energy management, and existing energy incentive programs
- Information regarding and a recommendation to use electric or alternatively fueled sweepers with high efficiency particulate air (HEPA) filters.

MM AQ-21 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-22

The Project applicant or designee shall provide electric vehicle (EV) charging infrastructure that meets or exceeds 2022 California Green Building Standards Code Tier 2 standards to encourage use of EVs.*MM AQ-22 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.*

MM AQ-23

The Project applicant shall implement the following landscape maintenance equipment reduction measures:

- Prior to the issuance of building permits, the Project applicant or its designee shall provide evidence to the City of Calimesa that the design plans include electrical outlets on the exterior of the structure to facilitate use of electrical lawn and garden equipment.
- The applicant (or its designee) or Project's future Homeowners' Association shall educate future residents about the South Coast Air Quality Management District (SCAQMD) Electric Lawn Mower Rebate Program and the Commercial Electric Lawn and Garden Equipment Exchange Program. When conventional gasoline-powered yard equipment (e.g., lawn mowers, leaf blowers and vacuums, shredders, trimmers, and chain saw) are exchanged for electric and rechargeable battery-powered yard equipment, direct greenhouse gas (GHG) emissions from fossil-fuel combustion are displaced by indirect GHG emissions associated with the generation of electricity used to power the equipment.

The analysis conservatively did not take credit for the use of electric-powered landscape maintenance equipment.

MM AQ-24

Prior to tenant occupancy, the Project Applicant or successor(s) in interest shall provide documentation to the City demonstrating that occupants/tenants of the Project site have been provided documentation on funding opportunities, such as the Carl Moyer Program, that provide

incentives for using cleaner-than-required engines and equipment. In addition, the tenants shall be required to enroll in the United States Environmental Protection Agency's SmartWay program and be required to utilize carriers that are SmartWay carriers.

MM AQ-24 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-25

Update the Regional Growth Forecast. The applicant has informed the Southern California Association of Governments (SCAG) of the Project so that SCAG's next Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) (anticipated to be 2028) can appropriately reflect residential housing, population, and employment locations and forecasts in the City of Calimesa. The updated information provided to SCAG is anticipated to be used by the SCAQMD to update the Air Quality Management Plan (AQMP). The applicant shall prepare and submit a letter notifying SCAQMD of this revised forecast for use in the future updates to the AQMP as required.

MM AQ-25 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-26

All facility-owned and operated fleet equipment with a gross vehicle weight rating greater than 14,000 pounds accessing the site shall meet or exceed 2010 model year emissions equivalent engine standards as currently defined in California Code of Regulations Title 13, Division 3, Chapter 1, Article 4.5, Section 2025. Facility operators shall maintain records on-site demonstrating compliance with this requirement and shall make records available for inspection by the local jurisdiction, air district, and state upon request.*MM AQ-26 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.*

MM AQ-27

Prior to the occupancy of any on site development, the applicant or its designee shall provide evidence to the City of Calimesa that the applicant/phase developer has developed a Green Cleaning Product and Paint education program to be made available at rental and purchasing offices and/or on websites. The educational program shall include a flyer (hardcopy and/or digital) that includes, at a minimum, an explanation of what volatile organic compounds (VOCs) are, how VOCs affect persons, where to find low-VOC alternatives for cleaning supplies and paint, and additional resources for learning more.

MM AQ-27 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-28

Prior to the issuance of building permits, the applicant or its designee shall provide evidence to the City of Calimesa that for applicant (or its designee) and Homeowners' Association operated

spaces that provisions are in place to ensure only zero- or low-volatile organic compound (VOC) cleaning supplies and super compliant-VOC paints (less than 10 grams per liter VOC) are used during Project operation.

MM AQ-28 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-29

Within the industrial and business park portions of the Project site, all on-site outdoor cargo-handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, forklifts, and other on-site equipment) shall be electric or non-diesel fueled. All on-site indoor forklifts shall be powered by electricity.

MM AQ-29 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-30

Electric plug-ins shall be installed at the loading docks at cold storage facilities to allow for transport refrigeration unit standby electric plug-in.

MM AQ-30 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

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1 INTRODUCTION

This report presents the results of the AQIA prepared by Urban Crossroads, Inc., for the proposed Mesa Verde Specific Plan (Project). The purpose of this AQIA is to evaluate the potential impacts to air quality associated with construction and operation of the Project and recommend measures to mitigate impacts considered potentially significant in comparison to thresholds established by the SCAQMD.

1.1 SITE LOCATION

The Project area is comprised of 1,463.1 acres of undeveloped land located at the current terminuses of Sandalwood Drive and County Line Road in the northwestern portion of the City of Calimesa, as shown on Exhibit 1-A. Regional access to the Project site is provided via Interstate 10 (I-10) at the Calimesa Boulevard (leading to Sandalwood Drive) and County Line Road exits.

1.2 PROJECT DESCRIPTION

The conceptual Project site plan shown on Exhibit 1-B. The Project includes the development of the following uses within five phases of development:

a. Phase 1 (2030):

- 1,400.000 TSF General Light Industrial (evaluated as 700.000 TSF High-Cube Cold Storage and 700.000 TSF General Light Industrial)
- 16.500 TSF Fire and Rescue Station/Public Works Facility
- 709 DU Single-Family Detached Residential
- 185 DU Multifamily (Low-Rise) Residential
- 12.7 AC Parks

b. Phase 2 (2035):

- 700.000 TSF General Light Industrial
- 700.000 TSF High-Cube Fulfillment Center (Sort)
- 50.000 TSF Commercial
- 468 DU Single Family Detached Residential
- 81 DU Multifamily (Low-Rise) Residential
- 16.2 AC Parks

c. Phase 3 (2038):

- 700.000 TSF General Light Industrial
- 700.000 TSF High-Cube Fulfillment Center (Sort)
- 447 DU Single Family Detached Residential
- 81 DU Multifamily (Low-Rise) Residential
- 250.000 TSF Mixed Use (Commercial)
- 16.2 AC Parks

d. Phase 4 (2040):

- 240.000 Business Park/General/Medical Office
- 689 DU Single Family Detached Residential
- 194 DU Multifamily (Low-Rise) Residential
- 600 Students Elementary School
- 16.5 AC Parks

e. <u>Phase 5 (2045):</u>

- 547 DU Single Family Detached Residential
- 249 DU Multifamily (Low-Rise) Residential
- 600 Students Elementary School
- 12.2 AC Parks

As evaluated in the *Mesa Verde Specific Plan Traffic Analysis* (4), the Project is expected to generate a total of 60,090 external two-way trips per day at buildout, including 59,120 external two-way passenger vehicle trips per day and 970 two-way truck trips per day. However, it should be noted that this analysis conservatively analyzes a worst-case scenario that includes up to 700,000 square feet of High-Cube Cold Storage uses developed in lieu of 700,000 square feet of industrial park uses in Phase 1. Under this scenario, at buildout the Project would generate a total of 58,168 external two-way trips per day, including 56,846 external two-way passenger vehicle trips and 1,322 two-way truck trips per day. Although this scenario would result in fewer total daily trips, it represents the worst-case from an emissions standpoint due to its potential to generate a higher number of daily truck trips as well as the potential to include transport refrigeration units.

This analysis compares the emissions from the proposed Project detailed above to those that would occur under the adopted Mesa Verde Specific Plan Area 2 Amendment 1 land uses, as analyzed in the approved 2017 Environmental Impact Report. The land uses analyzed under the currently adopted Mesa Verde Specific Plan consist of 3,292 single family dwelling units, 358 multifamily dwelling units, 48 acres of active park, 8,000 square foot recreation community center on 8.2-acres, 2 elementary schools with 1,200 students, and 250,000 square feet of commercial retail use.

EXHIBIT 1-A: LOCATION MAP

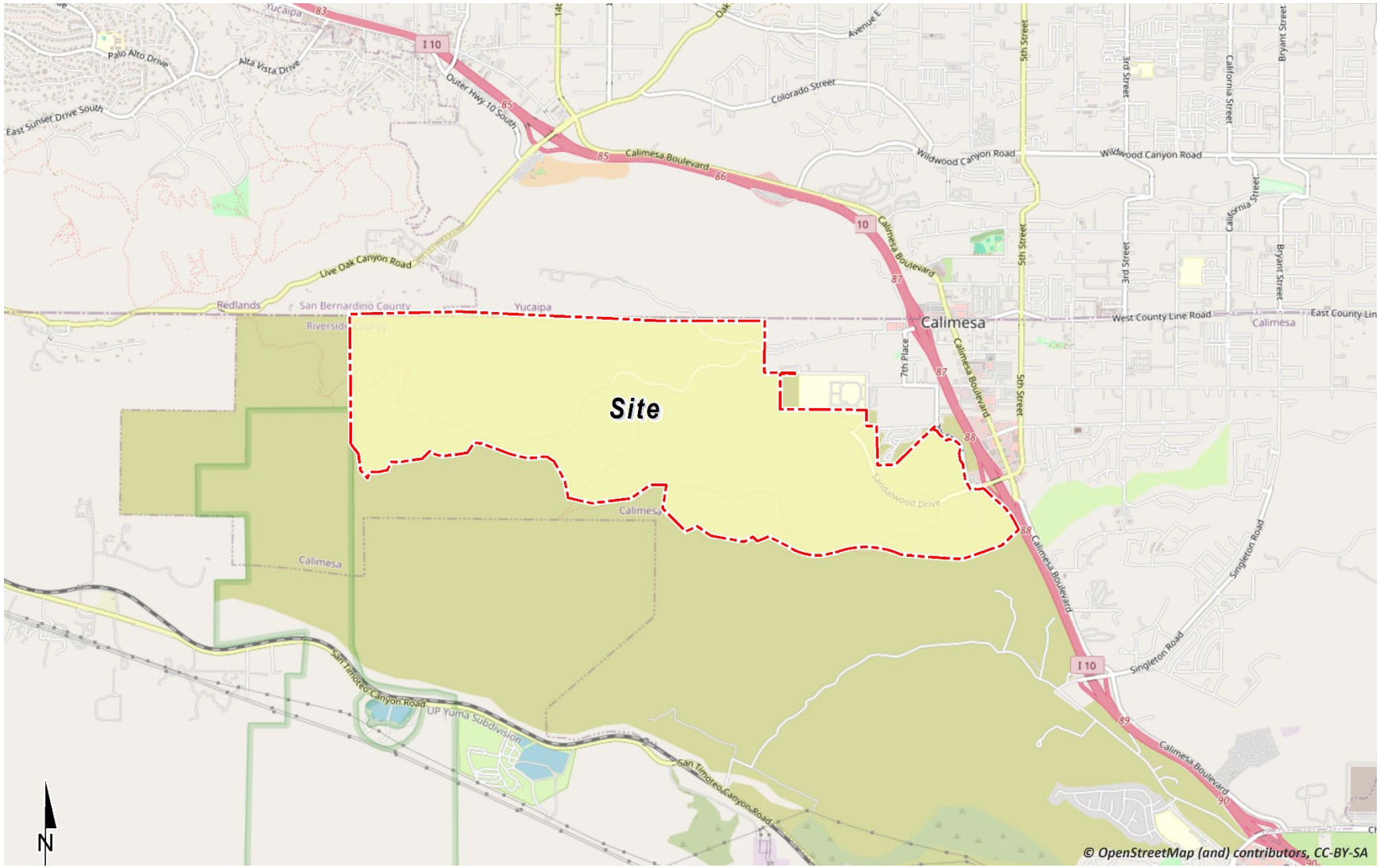
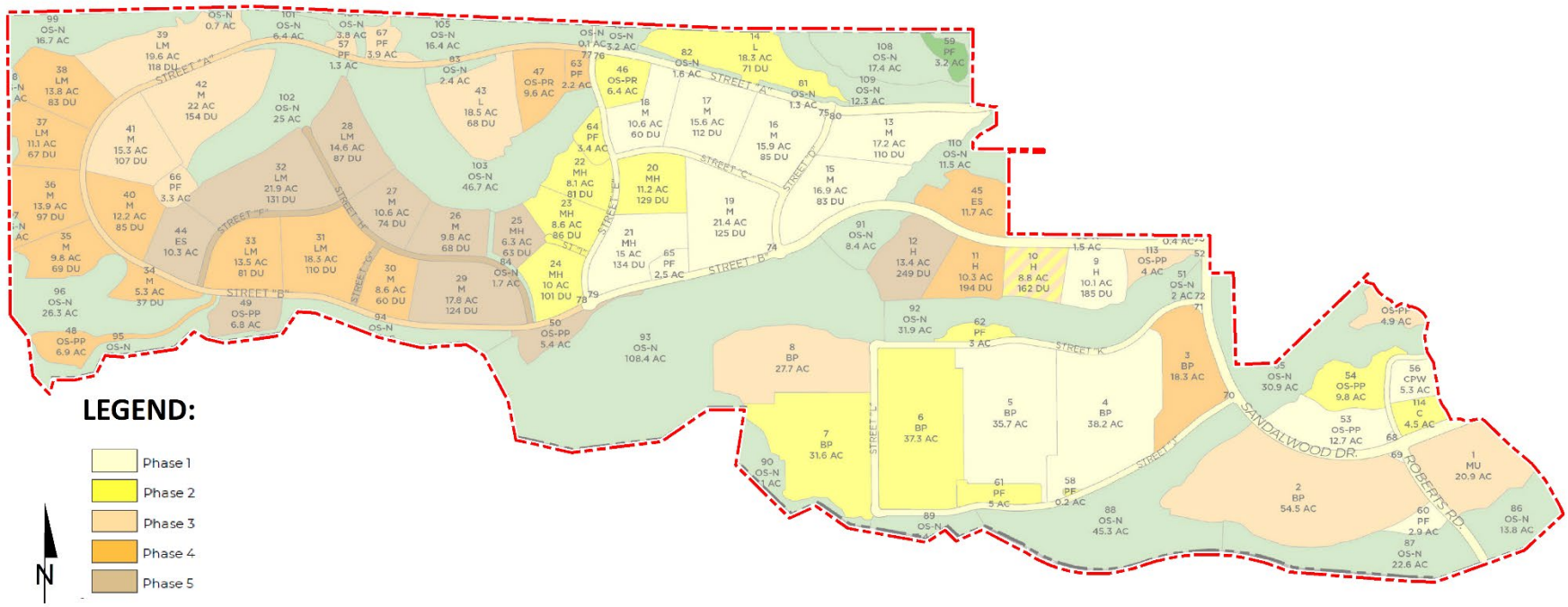


EXHIBIT 1-B: LAND USE PLAN



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2 AIR QUALITY SETTING

This section provides an overview of the existing air quality conditions in the Project area and region.

2.1 SOUTH COAST AIR BASIN

The Project site is located in the South Coast Air Basin (SCAB) within the jurisdiction of SCAQMD (5). The SCAQMD was created by the 1977 Lewis-Presley Air Quality Management Act, which merged four county air pollution control bodies into one regional district. Under the Act, the SCAQMD is responsible for bringing air quality in areas under its jurisdiction into conformity with federal and state air quality standards. As previously stated, the Project site is located within the SCAB, a 6,745 square-mile subregion of the SCAQMD, which includes the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties, and all of Orange County.

The SCAB is bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east, and the San Diego Air Basin to the south.

2.2 REGIONAL CLIMATE

The regional climate has a substantial influence on air quality in the SCAB. In addition, the temperature, wind, humidity, precipitation, and amount of sunshine influence the air quality.

The annual average temperatures throughout the SCAB vary from the low to mid 60s (degrees Fahrenheit °[F]). Due to a decreased marine influence, the eastern portion of the SCAB shows greater variability in average annual minimum and maximum temperatures. January is the coldest month throughout the SCAB, with average minimum temperatures of 47°F in downtown Los Angeles and 36°F in San Bernardino. All portions of the SCAB have recorded maximum temperatures above 100°F.

Although the climate of the SCAB can be characterized as semi-arid, the air near the land surface is quite moist on most days because of the presence of a marine layer. This shallow layer of sea air is an important modifier of SCAB climate. Humidity restricts visibility in the SCAB, and the conversion of sulfur dioxide (SO_2) to sulfates (SO_4) is heightened in air with high relative humidity. The marine layer provides an environment for that conversion process, especially during the spring and summer months. The annual average relative humidity within the SCAB is 71% along the coast and 59% inland. Since the ocean effect is dominant, periods of heavy early morning fog are frequent and low stratus clouds are a characteristic feature. These effects decrease with distance from the coast.

More than 90% of the SCAB's rainfall occurs from November through April. The annual average rainfall varies from approximately nine inches in Riverside to fourteen inches in downtown Los Angeles. Monthly and yearly rainfall totals are extremely variable. Summer rainfall usually consists of widely scattered thunderstorms near the coast and slightly heavier shower activity in the eastern portion of the SCAB with frequency being higher near the coast.

Due to its generally clear weather, about three-quarters of available sunshine is received in the SCAB. The remaining one-quarter is absorbed by clouds. The ultraviolet portion of this abundant radiation is a key factor in photochemical reactions. On the shortest day of the year, there are approximately 10 hours of possible sunshine, and on the longest day of the year, there are approximately 14½ hours of possible sunshine.

The importance of wind to air pollution is considerable. The direction and speed of the wind determines the horizontal dispersion and transport of the air pollutants. During the late autumn to early spring rainy season, the SCAB is subjected to wind flows associated with the traveling storms moving through the region from the northwest. This period also brings five to ten periods of strong, dry offshore winds, locally termed "Santa Anas" each year. During the dry season, which coincides with the months of maximum photochemical smog concentrations, the wind flow is bimodal, typified by a daytime onshore sea breeze and a nighttime offshore drainage wind. Summer wind flows are created by the pressure differences between the relatively cold ocean and the unevenly heated and cooled land surfaces that modify the general northwesterly wind circulation over southern California. Nighttime drainage begins with the radiational cooling of the mountain slopes. Heavy, cool air descends the slopes and flows through the mountain passes and canyons as it follows the lowering terrain toward the ocean. Another characteristic wind regime in the SCAB is the "Catalina Eddy," a low level cyclonic (counterclockwise) flow centered over Santa Catalina Island which results in an offshore flow to the southwest. On most spring and summer days, some indication of an eddy is apparent in coastal sections.

In the SCAB, there are two distinct temperature inversion structures that control vertical mixing of air pollution. During the summer, warm high-pressure descending (subsiding) air is undercut by a shallow layer of cool marine air. The boundary between these two layers of air is a persistent marine subsidence/inversion. This boundary prevents vertical mixing which effectively acts as an impervious lid to pollutants over the entire SCAB. The mixing height for the inversion structure is normally situated 1,000 to 1,500 feet above mean sea level.

A second inversion-type forms in conjunction with the drainage of cool air off the surrounding mountains at night followed by the seaward drift of this pool of cool air. The top of this layer forms a sharp boundary with the warmer air aloft and creates nocturnal radiation inversions. These inversions occur primarily in the winter when nights are longer and onshore flow is weakest. They are typically only a few hundred feet above mean sea level. These inversions effectively trap pollutants, such as nitrogen oxides (NO_X) and carbon monoxide (CO) from vehicles, as the pool of cool air drifts seaward. Winter is therefore a period of high levels of primary pollutants along the coastline.

2.3 WIND PATTERNS AND PROJECT LOCATION

The distinctive climate of the Project area and the SCAB is determined by its terrain and geographical location. The SCAB is located in a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean in the southwest quadrant with high mountains forming the remainder of the perimeter.

Wind patterns across the south coastal region are characterized by westerly and southwesterly onshore winds during the day and easterly or northeasterly breezes at night. Winds are characteristically light although the speed is somewhat greater during the dry summer months than during the rainy winter season.

2.4 CRITERIA POLLUTANTS

Criteria pollutants are pollutants that are regulated through the development of human health based and/or environmentally based criteria for setting permissible levels. Criteria pollutants, their typical sources, and health effects are identified below (6):

TABLE 2-1: CRITERIA POLLUTANTS

Criteria Pollutant	Description	Sources	Health Effects
CO	CO is a colorless, odorless gas produced by the incomplete combustion of carbon-containing fuels, such as gasoline or wood. CO concentrations tend to be the highest during the winter morning, when little to no wind and surface-based inversions trap the pollutant at ground levels. Because CO is emitted directly from internal combustion engines, unlike ozone (O_3), motor vehicles operating at slow speeds are the primary source of CO in the SCAB. The highest ambient CO concentrations are generally found near congested transportation corridors and intersections.	Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming equipment, and residential heating.	Individuals with a deficient blood supply to the heart are the most susceptible to the adverse effects of CO exposure. The effects observed include earlier onset of chest pain with exercise, and electrocardiograph changes indicative of decreased oxygen (O_2) supply to the heart. Inhaled CO has no direct toxic effect on the lungs but exerts its effect on tissues by interfering with O_2 transport and competing with O_2 to combine with hemoglobin present in the blood to form carboxyhemoglobin (COHb). Hence, conditions with an increased demand for O_2 supply can be adversely affected by exposure to CO. Individuals most at risk include fetuses, patients with diseases involving heart and blood vessels, and patients with chronic hypoxemia (O_2 deficiency) as seen at high altitudes.
SO_2	SO_2 is a colorless, extremely irritating gas or liquid. It enters the atmosphere as a pollutant	Coal or oil burning power plants and industries,	A few minutes of exposure to low levels of SO_2 can result in airway constriction in some

Criteria Pollutant	Description	Sources	Health Effects
	mainly as a result of burning high sulfur-content fuel oils and coal and from chemical processes occurring at chemical plants and refineries. When SO_2 oxidizes in the atmosphere, it forms SO_4. Collectively, these pollutants are referred to as sulfur oxides (SO_X).	refineries, diesel engines.	asthmatics, all of whom are sensitive to its effects. In asthmatics, increase in resistance to air flow, as well as reduction in breathing capacity leading to severe breathing difficulties, are observed after acute exposure to SO_2. In contrast, healthy individuals do not exhibit similar acute responses even after exposure to higher concentrations of SO_2. Animal studies suggest that despite SO_2 being a respiratory irritant, it does not cause substantial lung injury at ambient concentrations. However, very high levels of exposure can cause lung edema (fluid accumulation), lung tissue damage, and sloughing off of cells lining the respiratory tract. Some population-based studies indicate that the mortality and morbidity effects associated with fine particles show a similar association with ambient SO_2 levels. In these studies, efforts to separate the effects of SO_2 from those of fine particles have not been successful. It is not clear whether the two pollutants act synergistically, or one pollutant alone is the predominant factor.
NO_X	NO_X consist of nitric oxide (NO), nitrogen dioxide (NO_2) and nitrous oxide (N_2O) and are formed when nitrogen (N_2) combines with O_2. Their lifespan in the atmosphere ranges from	Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming	Population-based studies suggest that an increase in acute respiratory illness, including infections and respiratory symptoms in children (not infants), is

Criteria Pollutant	Description	Sources	Health Effects
	one to seven days for nitric oxide and nitrogen dioxide, to 170 years for nitrous oxide. NO_X is typically created during combustion processes and are major contributors to smog formation and acid deposition. NO_2 is a criteria air pollutant and may result in numerous adverse health effects; it absorbs blue light, resulting in a brownish-red cast to the atmosphere and reduced visibility. Of the seven types of nitrogen oxide compounds, NO_2 is the most abundant in the atmosphere. As ambient concentrations of NO_2 are related to traffic density, commuters in heavy traffic may be exposed to higher concentrations of NO_2 than those indicated by a regional monitoring station.	equipment, and residential heating.	associated with long-term exposure to NO_2 at levels found in homes with gas stoves, which are higher than ambient levels found in Southern California. Increase in resistance to air flow and airway contraction is observed after short-term exposure to NO_2 in healthy subjects. Larger decreases in lung functions are observed in individuals with asthma or chronic obstructive pulmonary disease (e.g., chronic bronchitis, emphysema) than in healthy individuals, indicating a greater susceptibility of these sub-groups. In animals, exposure to levels of NO_2 considerably higher than ambient concentrations result in increased susceptibility to infections, possibly due to the observed changes in cells involved in maintaining immune functions. The severity of lung tissue damage associated with high levels of O_3 exposure increases when animals are exposed to a combination of O_3 and NO_2.
O_3	O_3 is a highly reactive and unstable gas that is formed when VOCs and NO_X, both byproducts of internal combustion engine exhaust, undergo slow photochemical reactions in the presence of sunlight. O_3 concentrations are generally highest during the summer months when direct sunlight, light wind, and warm temperature conditions are favorable to the formation of this pollutant.	Formed when reactive organic gases (ROG) and NO_X react in the presence of sunlight. ROG sources include any source that burns fuels, (e.g., gasoline, natural gas, wood, oil) solvents, petroleum processing and	Individuals exercising outdoors, children, and people with pre-existing lung disease, such as asthma and chronic pulmonary lung disease, are considered to be the most susceptible sub-groups for O_3 effects. Short-term exposure (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased

Criteria Pollutant	Description	Sources	Health Effects
		storage, and pesticides.	susceptibility to infections, inflammation of the lung tissue, and some immunological changes. Elevated O_3 levels are associated with increased school absences. In recent years, a correlation between elevated ambient O_3 levels and increases in daily hospital admission rates, as well as mortality, has also been reported. An increased risk for asthma has been found in children who participate in multiple outdoor sports and live in communities with high O_3 levels. O_3 exposure under exercising conditions is known to increase the severity of the responses described above. Animal studies suggest that exposure to a combination of pollutants that includes O_3 may be more toxic than exposure to O_3 alone. Although lung volume and resistance changes observed after a single exposure diminish with repeated exposures, biochemical and cellular changes appear to persist, which can lead to subsequent lung structural changes.
Particulate Matter	PM_{10}: A major air pollutant consisting of tiny solid or liquid particles of soot, dust, smoke, fumes, and aerosols. Particulate matter pollution is a major cause of reduced visibility (haze) which is caused by the scattering of light and consequently the significant reduction in air clarity. The size of the particles (10 microns or smaller, about 0.0004 inches or less) allows them to easily enter the lungs where they	Sources of PM_{10} include road dust, windblown dust, and construction. Also formed from other pollutants (acid rain, NO_X, SO_X, organics). Incomplete combustion of any fuel.	A consistent correlation between elevated ambient fine particulate matter (PM_{10} and $PM_{2.5}$) levels and an increase in mortality rates, respiratory infections, number and severity of asthma attacks and the number of hospital admissions has been observed in different parts of the United States and various areas around the world. In

Criteria Pollutant	Description	Sources	Health Effects
	may be deposited, resulting in adverse health effects. Additionally, it should be noted that PM_{10} is considered a criteria air pollutant. $PM_{2.5}$: A similar air pollutant to PM_{10} consisting of tiny solid or liquid particles which are 2.5 microns or smaller (which is often referred to as fine particles). These particles are formed in the atmosphere from primary gaseous emissions that include SO_4 formed from SO_2 release from power plants and industrial facilities and nitrates that are formed from NO_X release from power plants, automobiles, and other types of combustion sources. The chemical composition of fine particles highly depends on location, time of year, and weather conditions. $PM_{2.5}$ is a criteria air pollutant.	$PM_{2.5}$ comes from fuel combustion in motor vehicles, equipment, and industrial sources, residential and agricultural burning. Also formed from reaction of other pollutants (acid rain, NO_X, SO_X, organics).	recent years, some studies have reported an association between long-term exposure to air pollution dominated by fine particles and increased mortality, reduction in lifespan, and an increased mortality from lung cancer. Daily fluctuations in $PM_{2.5}$ concentration levels have also been related to hospital admissions for acute respiratory conditions in children, to school and kindergarten absences, to a decrease in respiratory lung volumes in children without asthma, and to increased medication use in children and adults with asthma. Recent studies show lung function growth in children is reduced with long term exposure to particulate matter. The elderly, people with pre-existing respiratory or cardiovascular disease, and children appear to be more susceptible to the effects of high levels of PM_{10} and $PM_{2.5}$.
VOC	VOCs are hydrocarbon compounds (any compound containing various combinations of hydrogen and carbon atoms) that exist in the ambient air. VOCs contribute to the formation of smog through atmospheric photochemical reactions and/or may be toxic. Compounds of carbon (also known as organic compounds) have different levels of reactivity; that is, they do not react at the same speed or do not form O_3 to the same extent when exposed to photochemical processes. VOCs often have an odor, and some examples include	Organic chemicals are widely used as ingredients in household products. Paints, varnishes, and wax all contain organic solvents, as do many cleaning, disinfecting, cosmetic, degreasing, and hobby products. Fuels are made up of organic chemicals. All of these products can	Breathing VOCs can irritate the eyes, nose, and throat, can cause difficulty breathing and nausea, and can damage the central nervous system as well as other organs. Some VOCs can cause cancer. Not all VOCs have all these health effects, though many have several.

Criteria Pollutant	Description	Sources	Health Effects
	gasoline, alcohol, and the solvents used in paints. Exceptions to the VOC designation include CO, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate. VOCs are a criteria pollutant since they are a precursor to O_3, which is a criteria pollutant. The terms VOC and ROG (see below) are used interchangeably.	release organic compounds while you are using them, and, to some degree, when they are stored.	
ROG	Similar to VOC, ROGs are also precursors in forming O_3 and consist of compounds containing methane, ethane, propane, butane, and longer chain hydrocarbons, which are typically the result of some type of combustion/decomposition process. Smog is formed when ROG and NO_X react in the presence of sunlight. ROGs are a criteria pollutant since they are a precursor to O_3, which is a criteria pollutant. The terms ROG and VOC (see previous) are used interchangeably.	Sources similar to VOCs.	Health effects similar to VOCs.
Lead (Pb)	Pb is a heavy metal that is highly persistent in the environment and is considered a criteria pollutant. In the past, the primary source of Pb in the air was emissions from vehicles burning leaded gasoline. The major sources of Pb emissions are ore and metals processing, particularly Pb smelters, and piston-engine aircraft operating on leaded aviation gasoline. Other stationary sources include waste incinerators, utilities, and lead-acid battery manufacturers. It should be noted that the Project does not include operational activities such as metal processing or Pb acid battery manufacturing. As such,	Metal smelters, resource recovery, leaded gasoline, deterioration of Pb paint.	Fetuses, infants, and children are more sensitive than others to the adverse effects of Pb exposure. Exposure to low levels of Pb can adversely affect the development and function of the central nervous system, leading to learning disorders, distractibility, inability to follow simple commands, and lower intelligence quotient. In adults, increased Pb levels are associated with increased blood pressure. Pb poisoning can cause anemia, lethargy, seizures, and death; although it appears that there are no direct effects of Pb on the

Criteria Pollutant	Description	Sources	Health Effects
	the Project is not anticipated to generate a quantifiable amount of Pb emissions.		respiratory system. Pb can be stored in the bone from early age environmental exposure, and elevated blood Pb levels can occur due to breakdown of bone tissue during pregnancy, hyperthyroidism (increased secretion of hormones from the thyroid gland) and osteoporosis (breakdown of bony tissue). Fetuses and breast-fed babies can be exposed to higher levels of Pb because of previous environmental Pb exposure of their mothers.
Odor	Odor means the perception experienced by a person when one or more chemical substances in the air come into contact with the human olfactory nerves (7).	Odors can come from many sources including animals, human activities, industry, nature, and vehicles.	Offensive odors can potentially affect human health in several ways. First, odorant compounds can irritate the eye, nose, and throat, which can reduce respiratory volume. Second, studies have shown that the VOCs that cause odors can stimulate sensory nerves to cause neurochemical changes that might influence health, for instance, by compromising the immune system. Finally, unpleasant odors can trigger memories or attitudes linked to unpleasant odors, causing cognitive and emotional effects such as stress.

2.5 EXISTING AIR QUALITY

Existing air quality is measured at established SCAQMD air quality monitoring stations. Monitored air quality is evaluated in the context of ambient air quality standards. These standards are the levels of air quality that are considered safe, with an adequate margin of safety, to protect the public health and welfare. National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) currently in effect are shown in Table 2-2 (8).

The determination of whether a region's air quality is healthful or unhealthful is determined by comparing contaminant levels in ambient air samples to the state and federal standards. At the time of this AQIA, the most recent state and federal standards were updated by CARB on May 4, 2016, and are presented in Table 2-2. The air quality in a region is considered to be in attainment by the state if the measured ambient air pollutant levels for O_3, CO (except 8-hour Lake Tahoe), SO_2 (1 and 24 hour), NO_2, PM_{10}, and $PM_{2.5}$ are not to be exceeded. All others are not to be equaled or exceeded. It should be noted that the three-year period is presented for informational purposes and is not the basis for how the state assigns attainment status. Attainment status for a pollutant means that the SCAQMD meets the standards set by the EPA or the California EPA (CalEPA). Conversely, nonattainment means that an area has monitored air quality that does not meet the NAAQS or CAAQS standards. In order to improve air quality in nonattainment areas, a State Implementation Plan (SIP) is drafted by CARB. The SIP outlines the measures that the state will take to improve air quality. Once nonattainment areas meet the standards and additional redesignation requirements, the EPA will designate the area as a maintenance area (9).

TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (1 OF 2)

Ambient Air Quality Standards						
Pollutant	**Averaging Time**	**California Standards** [1]		**National Standards** [2]		
		Concentration [3]	**Method** [4]	**Primary** [3,5]	**Secondary** [3,6]	**Method** [7]
Ozone (O_3)[8]	1 Hour	0.09 ppm (180 µg/m^3)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m^3)		0.070 ppm (137 µg/m^3)		
Respirable Particulate Matter (PM10)[9]	24 Hour	50 µg/m^3	Gravimetric or Beta Attenuation	150 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m^3		—		
Fine Particulate Matter (PM2.5)[9]	24 Hour	—	—	35 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m^3	Gravimetric or Beta Attenuation	9 µg/m^3	15 µg/m^3	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m^3)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m^3)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m^3)		9 ppm (10 mg/m^3)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m^3)		—	—	
Nitrogen Dioxide (NO_2)[10]	1 Hour	0.18 ppm (339 µg/m^3)	Gas Phase Chemiluminescence	100 ppb (188 µg/m^3)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)		0.053 ppm (100 µg/m^3)	Same as Primary Standard	
Sulfur Dioxide (SO_2)[11]	1 Hour	0.25 ppm (655 µg/m^3)	Ultraviolet Fluorescence	75 ppb (196 µg/m^3)	—	Ultraviolet Flourescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m^3)	
	24 Hour	0.04 ppm (105 µg/m^3)		0.14 ppm (for certain areas)[11]	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas)[11]	—	
Lead[12,13]	30 Day Average	1.5 µg/m^3	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m^3 (for certain areas)[12]	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m^3		
Visibility Reducing Particles[14]	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	**No National Standards**		
Sulfates	24 Hour	25 µg/m^3	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m^3)	Ultraviolet Fluorescence			
Vinyl Chloride[12]	24 Hour	0.01 ppm (26 µg/m^3)	Gas Chromatography			

See footnotes on next page …

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California Air Resources Board (5/4/16)

TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (2 OF 2)

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM10, PM2.5, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 $\mu g/m^3$ is equal to or less than one. For PM2.5, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
4. Any equivalent measurement method which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.
8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
9. On December 14, 2012, the national annual PM2.5 primary standard was lowered from 15 $\mu g/m^3$ to 12.0 $\mu g/m^3$. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standard of 15 $\mu g/m^3$. The existing 24-hour PM10 standards (primary and secondary) of 150 $\mu g/m^3$ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
11. On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

    Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
12. The ARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 $\mu g/m^3$ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
14. In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

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2.6 REGIONAL AIR QUALITY

Air pollution contributes to a wide variety of adverse health effects. The EPA has established NAAQS for seven of the most common air pollutants: CO, Pb, O_3, PM_{10}, $PM_{2.5}$, NO_2, and SO_2 which are known as criteria pollutants. The SCAQMD monitors levels of various criteria pollutants at 35 permanent monitoring stations and 2 single-pollutant source Pb air monitoring sites throughout the air district (10). On January 25, 2024, CARB adopted the proposed 2023 amendments to the state and national area designations. See Table 2-3 for attainment designations for the SCAB (11). Appendix 2.1 provides geographic representation of the state and federal attainment status for applicable criteria pollutants within the SCAB.

TABLE 2-4: ATTAINMENT STATUS OF CRITERIA POLLUTANTS IN THE SCAB

Criteria Pollutant	State Designation	Federal Designation
O_3 – 1-hour standard	Nonattainment	--
O_3 – 8-hour standard	Nonattainment	Nonattainment
PM_{10}	Nonattainment	Attainment
$PM_{2.5}$	Nonattainment	Nonattainment
CO	Attainment	Unclassifiable/Attainment
NO_2	Attainment	Unclassifiable/Attainment
SO_2	Attainment	Unclassifiable/Attainment
Pb[1]	Attainment	Unclassifiable/Attainment

Note: See Appendix 2.1 for a detailed map of State/National Area Designations within the SCAB
"-" = no standard.

2.7 LOCAL AIR QUALITY

The SCAQMD has designated general forecast areas and air monitoring areas (referred to as Source Receptor Areas [SRA]) throughout the district in order to inform Southern California residents about the air quality conditions. The Project site is located within the Hemet/San Jacinto Valley area (SRA 28). As there are no monitoring stations located within the Hemet/San Jacinto Valley area, statistics from the next nearest stations will be used. The East San Bernardino Valley (SRA 35) monitoring station is located approximately 4.4 miles northwest of the Project site and reports air quality statistics for O_3 and PM_{10}. The nearest station for CO, NO_2, and $PM_{2.5}$ data was obtained from the Central San Bernardino Valley 2 monitoring station which is located approximately 11.5 miles northwest of the Project site in SRA 34.

The most recent three (3) years of data available is shown in Table 2-4 and identifies the number of days ambient air quality standards were exceeded for the study area, which is considered to be representative of the local air quality at the Project site. Data for O_3, CO, NO_2, PM_{10}, and $PM_{2.5}$ for 2020 through 2022 was obtained from the SCAQMD Air Quality Data Tables (12). Additionally,

[1] The Federal nonattainment designation for lead is only applicable towards the Los Angeles County portion of the SCAB.

data for SO_2 has been omitted as attainment is regularly met in the SCAB and few monitoring stations measure SO_2 concentrations.

TABLE 2-4: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2020-2022

Pollutant	Standard	Year		
		2020	2021	2022
O_3				
Maximum Federal 1-Hour Concentration (ppm)		0.173	0.145	0.144
Maximum Federal 8-Hour Concentration (ppm)		0.136	0.119	0.109
Number of Days Exceeding State 1-Hour Standard	> 0.09 ppm	104	74	63
Number of Days Exceeding State/Federal 8-Hour Standard	> 0.070 ppm	141	118	106
CO				
Maximum Federal 1-Hour Concentration	> 35 ppm	1.9	2.0	1.7
Maximum Federal 8-Hour Concentration	> 20 ppm	1.4	1.6	1.4
NO_2				
Maximum Federal 1-Hour Concentration	> 0.100 ppm	0.054	0.056	0.053
Annual Federal Standard Design Value		0.015	0.015	0.016
PM_{10}				
Maximum Federal 24-Hour Concentration (µg/m^3)	> 150 µg/m^3	57	44	50
Annual Federal Arithmetic Mean (µg/m^3)		23.4	23.3	22.0
Number of Days Exceeding Federal 24-Hour Standard	> 150 µg/m^3	0	0	0
Number of Days Exceeding State 24-Hour Standard	> 50 µg/m^3	1	0	0
$PM_{2.5}$				
Maximum Federal 24-Hour Concentration (µg/m^3)	> 35 µg/m^3	25.70	57.90	40.1
Annual Federal Arithmetic Mean (µg/m^3)	> 12 µg/m^3	11.66	11.90	11.26
Number of Days Exceeding Federal 24-Hour Standard	> 35 µg/m^3	0	1	2

ppm = Parts Per Million
µg/m^3 = Microgram per Cubic Meter
Source: Data for O_3, CO, NO_2, PM_{10}, and $PM_{2.5}$ was obtained from SCAQMD Air Quality Data Tables.

2.8 REGULATORY BACKGROUND

2.8.1 FEDERAL REGULATIONS

The EPA is responsible for setting and enforcing the NAAQS for O_3, CO, NO_X, SO_2, PM_{10}, $PM_{2.5}$, and Pb (13). The EPA has jurisdiction over emissions sources that are under the authority of the federal government including aircraft, locomotives, and emissions sources outside state waters (Outer Continental Shelf). The EPA also establishes emission standards for vehicles sold in states other than California. Automobiles sold in California must meet the stricter emission requirements of CARB.

The Federal Clean Air Act (CAA) was first enacted in 1955 and has been amended numerous times in subsequent years (1963, 1965, 1967, 1970, 1977, and 1990). The CAA establishes the federal air quality standards, the NAAQS, and specifies future dates for achieving compliance (14). The CAA also mandates that states submit and implement SIPs for local areas not meeting these standards. These plans must include pollution control measures that demonstrate how the standards will be met.

The 1990 amendments to the CAA that identify specific emission reduction goals for areas not meeting the NAAQS require a demonstration of reasonable further progress toward attainment and incorporate additional sanctions for failure to attain or to meet interim milestones. The sections of the CAA most directly applicable to the development of the Project site include Title I (Non-Attainment Provisions) and Title II (Mobile Source Provisions) (15) (16). Title I provisions were established with the goal of attaining the NAAQS for the following criteria pollutants O_3, NO_2, SO_2, PM_{10}, CO, $PM_{2.5}$, and Pb. The NAAQS were amended in July 1997 to include an additional standard for O_3 and to adopt a NAAQS for $PM_{2.5}$. Table 2-3 (previously presented) provides the NAAQS within the SCAB.

Mobile source emissions are regulated in accordance with Title II provisions. These provisions require the use of cleaner burning gasoline and other cleaner burning fuels such as methanol and natural gas. Automobile manufacturers are also required to reduce tailpipe emissions of hydrocarbons and NO_X. NO_X is a collective term that includes all forms of NO_X which are emitted as byproducts of the combustion process.

2.8.2 CALIFORNIA REGULATIONS

CARB

CARB, which became part of CalEPA in 1991, is responsible for ensuring implementation of the California Clean Air Act (AB 2595), responding to the federal CAA, and for regulating emissions from consumer products and motor vehicles. AB 2595 mandates achievement of the maximum degree of emissions reductions possible from vehicular and other mobile sources in order to attain the state ambient air quality standards by the earliest practical date. CARB established the CAAQS for all pollutants for which the federal government has NAAQS and, in addition, establishes standards for SO_4, visibility, hydrogen sulfide (H_2S), and vinyl chloride (C_2H_3Cl). However, at this time, H_2S and C_2H_3Cl are not measured at any monitoring stations in the SCAB because they are not considered to be a regional air quality problem. Generally, the CAAQS are more stringent than the NAAQS (17) (13).

Local air quality management districts, such as the SCAQMD, regulate air emissions from stationary sources such as commercial and industrial facilities. All air pollution control districts have been formally designated as attainment or non-attainment for each CAAQS.

Serious non-attainment areas are required to prepare Air Quality Management Plans (AQMP) that include specified emission reduction strategies in an effort to meet clean air goals. These plans are required to include:

- Application of Best Available Retrofit Control Technology to existing sources;
- Developing control programs for area sources (e.g., architectural coatings and solvents) and indirect sources (e.g. motor vehicle use generated by residential and commercial development);
- A District permitting system designed to allow no net increase in emissions from any new or modified permitted sources of emissions;
- Implementing reasonably available transportation control measures and assuring a substantial reduction in growth rate of vehicle trips and miles traveled;
- Significant use of low emissions vehicles by fleet operators;
- Sufficient control strategies to achieve a 5% or more annual reduction in emissions or 15% or more in a period of three years for ROGs, NO_X, CO and PM_{10}. However, air basins may use an alternative emission reduction strategy that achieves a reduction of less than 5% per year under certain circumstances.

TITLE 24 ENERGY EFFICIENCY STANDARDS AND CALIFORNIA GREEN BUILDING STANDARDS

California Code of Regulations (CCR) Title 24 Part 6: The California Energy Code was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption.

The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. CCR, Title 24, Part 11: California Green Building Standards Code (CALGreen) is a comprehensive and uniform regulatory code for all residential, commercial, and school buildings that went in effect on August 1, 2009, and is administered by the California Building Standards Commission.

CALGreen is updated on a regular basis, with the most recent approved update consisting of the 2022 California Green Building Code Standards that became effective on January 1, 2023. The CEC anticipates that the 2022 energy code will provide $1.5 billion in consumer benefits and reduce GHG emissions by 10 million metric tons (18). It should be noted that the 2025 California Green Building Code Standards are expected to be adopted in 2024, with an effective date of January 1, 2026. The Project would be required to comply with the applicable standards in place at the time plan check submittals are made. These require, among other items (19):

NONRESIDENTIAL MANDATORY MEASURES

- Short-term bicycle parking. If the new project or an additional alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack (5.106.4.1.1).
- Long-term bicycle parking. For new buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle parking for 5% of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility (5.106.4.1.2).

- Designated parking for clean air vehicles. In new projects or additions to alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as shown in Table 5.106.5.2 (5.106.5.2).
- EV charging stations. New construction shall facilitate the future installation of EV supply equipment. The compliance requires empty raceways for future conduit and documentation that the electrical system has adequate capacity for the future load. The number of spaces to be provided for is contained in Table 5.106. 5.3.3 (5.106.5.3). Additionally, Table 5.106.5.4.1 specifies requirements for the installation of raceway conduit and panel power requirements for medium- and heavy-duty EV supply equipment for warehouses, grocery stores, and retail stores.
- Outdoor light pollution reduction. Outdoor lighting systems shall be designed to meet the backlight, uplight and glare ratings per Table 5.106.8 (5.106.8).
- Construction waste management. Recycle and/or salvage for reuse a minimum of 65% of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1. 5.405.1.2, or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent (5.408.1).
- Excavated soil and land clearing debris. 100% of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed (5.408.3).
- Recycling by Occupants. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage, and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive (5.410.1).
- Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:
    - Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush (5.303.3.1).
    - Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush (5.303.3.2.1). The effective flush volume of floor- mounted or other urinals shall not exceed 0.5 gallons per flush (5.303.3.2.2).
    - Showerheads. Single showerheads shall have a minimum flow rate of not more than 1.8 gallons per minute and 80 psi (5.303.3.3.1). When a shower is served by more than one showerhead, the combined flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi (5.303.3.3.2).
    - Faucets and fountains. Nonresidential lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi (5.303.3.4.1). Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute of 60 psi (5.303.3.4.2). Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute (5.303.3.4.3). Metering faucets shall not deliver more than 0.20 gallons per cycle (5.303.3.4.4). Metering faucets for wash fountains shall have a maximum flow rate not more than 0.20 gallons per cycle (5.303.3.4.5).

- Outdoor potable water uses in landscaped areas. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent (5.304.1).
- Water meters. Separate submeters or metering devices shall be installed for new buildings or additions in excess of 50,000 sf or for excess consumption where any tenant within a new building or within an addition that is projected to consume more than 1,000 gallons per day (GPD) (5.303.1.1 and 5.303.1.2).
- Outdoor water uses in rehabilitated landscape projects equal or greater than 2,500 sf. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 2,500 sf requiring a building or landscape permit (5.304.3).
- Commissioning. For new buildings 10,000 sf and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements (5.410.2).

RESIDENTIAL MANDATORY MEASURES

- Electric vehicle (EV) charging stations. New construction shall comply with Section 4.106.4.1, 4.106.4.2, 4.106.4.3, to facilitate future installation and use of EV chargers. Electric vehicle supply equipment (EVSE) shall be installed in accordance with the *California Electrical Code*, Article 625. (4.106.4).
    - New one- and two-family dwellings and town-houses with attached private garages. For each dwelling unit, install a listed raceway to accommodate a dedicated 208/240-volt branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or other enclosure in close proximity to the proposed location of an EV charger. Raceways are required to be continuous at enclosed, inaccessible or concealed areas and spaces. The service panel and/or subpanel shall provide capacity to install a 40-ampere 208/240-volt minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device.
    - New hotels and motels. All newly constructed hotels and motels shall provide EV spaces capable of supporting future installation of EVSE. The construction documents shall identify the location of the EV spaces. The number of required EV spaces shall be based on the total number of parking spaces provided for all types of parking facilities in accordance with Table 4.106.4.3.1.
- Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with Sections 4.303.1.1, 4.303.1.2, 4.303.1.3, and 4.303.1.4.
- Outdoor potable water use in landscape areas. Residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resource Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.
- Operation and maintenance manual. At the time of final inspection, a manual, compact disc, web-based reference or other media acceptable to the enforcing agency which includes all of the following shall be placed in the building:

  - Directions to the owner or occupant that the manual shall remain with the building throughout the life cycle of the structure.
  - Operations and maintenance instructions for the following:
    - Equipment and appliances, including water-saving devices and systems, HVAC systems, photovoltaic systems, EV chargers, water-heating systems and other major appliances and equipment.
    - Roof and yard drainage, including gutter and downspouts.
    - Space conditioning systems, including condensers and air filters.
    - Landscape irrigation systems.
    - Water reuse systems.
  - Information from local utility, water and waste recovery providers on methods to future reduce resource consumption, including recycle programs and locations.
  - Public transportation and/or carpool options available in the area.
  - Educational material on the positive impacts of an interior relative humidity between 30-60% and what methods an occupants may use to maintain the relative humidity level in that range.
  - Information about water-conserving landscape and irrigation design and controllers which conserve water.
  - Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation.
  - Information about state solar energy and incentive programs available.
  - A copy of all special inspection verifications required by the enforcing agency of this code.
  - Information from CALFIRE on maintenance of defensible space around residential structures.

- Any installed gas fireplace shall be direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, pellet stoves and fireplaces shall also comply with applicable local ordinances.
- Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the CARB Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 4.504.3 shall be determined by classifying the coating as a Flat, Nonflat, or Nonflat-high Gloss coating, based on its glass, as defined in subsections 4.21, 4.36, and 4.37 of the 2007 CARB, Suggested Control Measure, and the corresponding Flat, Nonflat, Nonflat-high Gloss VOC limit in Table 4.504.3 shall apply.

2.8.3 REGIONAL REGULATIONS

AIR QUALITY MANAGEMENT PLAN

The Project site is located within the SCAB, which is characterized by relatively poor air quality. In response, the SCAQMD has adopted a series of Air Quality Management Plan (AQMPs) to meet the state and federal ambient air quality standards. AQMPs are updated regularly in order to

more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy.

In December 2022, the SCAQMD released the *Final 2022 AQMP* (*2022 AQMP*). The *2022 AQMP* continues to evaluate current integrated strategies and control measures to meet the CAAQS, as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (20). Similar to the 2016 AQMP, the *2022 AQMP* incorporates scientific and technological information and planning assumptions, including the *2020-2045 RTP/SCS*, a planning document that supports the integration of land use and transportation to help the region meet the federal CAA requirements (21).

DIESEL REGULATIONS

CARB and the Ports of Los Angeles and Long Beach (POLA and POLB) have adopted several iterations of regulations for diesel trucks that are aimed at reducing DPM. More specifically, CARB Drayage Truck Regulation (22), CARB statewide On-road Truck and Bus Regulation (23), and the Ports of Los Angeles and Long Beach Clean Truck Program (CTP) require accelerated implementation of "clean trucks" into the statewide truck fleet (24). In other words, older more polluting trucks would be replaced with newer, cleaner trucks as a function of these regulatory requirements.

MESA VERDE SPECIFIC PLAN AMENDMENT - SUSTAINABILITY

The Mesa Verde Specific Plan Amendment – Sustainability is a document that is apart of the overall specific plan which identifies a multitude of measures and goals that will allow for integrated, connected community intended to encourage day-to-day interaction between the mix of complimentary land uses and incorporate numerous sustainable principals and concepts. The following measures and goals are a part of the Sustainability document and although not quantified in this report for reductions, are directly related to reducing air quality emissions and overall environmental impacts.

- Solid Waste Management and Recycling: Inclusion of a recycling center and applicable recycling programs.
- Climate Change measures including:
  - Balanced communities with diverse land uses which reduce vehicle trips and GHG emissions.
  - Mixed uses which allow for compact developments that will reduce parking and vehicle trips.
  - Alternative Energy with solar roofs and EV charging.
  - Alternative Mobility includes complete streets, bicycle mobility and pedestrian greenways.
  - Energy Conservation through Title 24 requirements which will reduce energy consumption in the Specific Plan area.

  - Water Conservation through drought-tolerant material, reclaimed water and water efficient fixtures
  - Solar Energy panels included throughout the Specific Plan to meet Title 24 requirements as well as Zero net energy (if feasible).
- Landscape Environments conforming with the most recent and applicable State Model Water Efficient Landscape Ordinance **(MWELO)** to promote the conservation and efficient use of water.
- Electric Vehicles with installation of electrical conduit and outlet installation for New one- and two-unit single family dwellings or townhouses with attached private garages, EV-ready parking spaces for multifamily dwellings and EV-capable spaces based on parking spaces required for Non-residential uses.
- Encouraging LEED Neighborhood Development criteria for greener communities.

2.9 REGIONAL AIR QUALITY IMPROVEMENT

The Project is within the jurisdiction of the SCAQMD. In 1976, California adopted the Lewis Air Quality Management Act which created SCAQMD from a voluntary association of air pollution control districts in Los Angeles, Orange, Riverside, and San Bernardino counties. The geographic area of which SCAQMD consists of is known as the SCAB. SCAQMD develops comprehensive plans and regulatory programs for the region to attain federal standards by dates specified in federal law. The agency is also responsible for meeting state standards by the earliest date achievable, using reasonably available control measures.

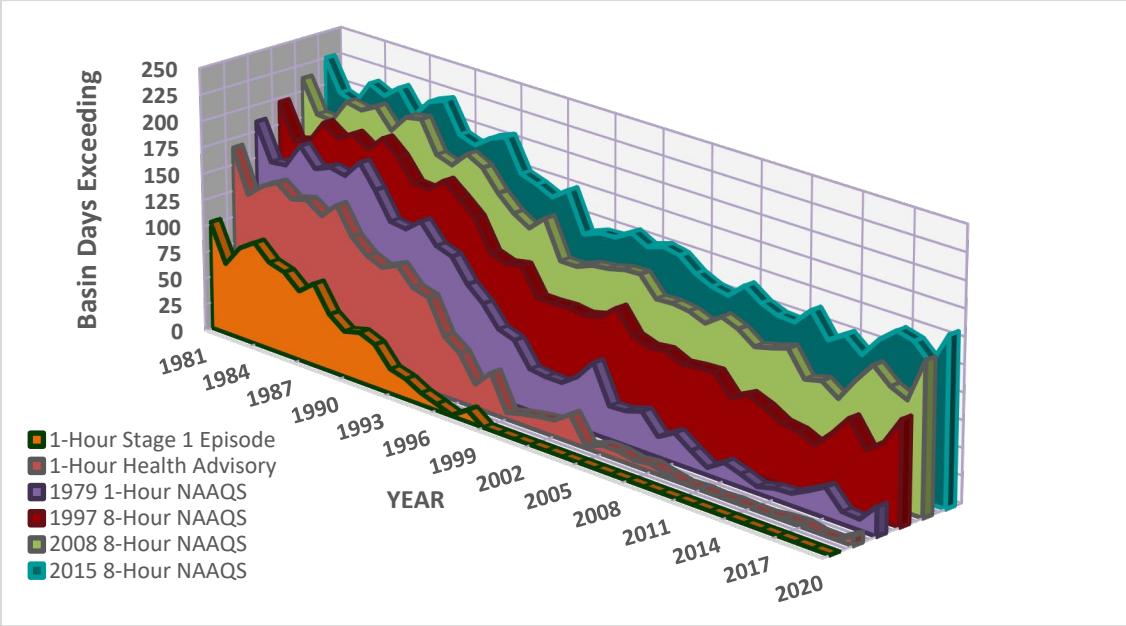
SCAQMD rule development through the 1970s and 1980s resulted in dramatic improvement in SCAB air quality. Nearly all control programs developed through the early 1990s relied on (i) the development and application of cleaner technology; (ii) add-on emission controls, and (iii) uniform CEQA review throughout the SCAB, such as is occurring here. Industrial emission sources have been significantly reduced by this approach and vehicular emissions have been reduced by technologies implemented at the state level by CARB.

As discussed above, the SCAQMD is the lead agency charged with regulating air quality emission reductions for the entire SCAB. SCAQMD created AQMPs which represent a regional blueprint for achieving healthful air on behalf of the 16 million residents of the SCAB. The 2012 AQMP states, “the remarkable historical improvement in air quality since the 1970s is the direct result of Southern California’s comprehensive, multiyear strategy of reducing air pollution from all sources as outlined in its AQMPs” (25).

Emissions of O_3, NO_X, VOC, and CO have been decreasing in the SCAB since 1975 and are projected to continue to decrease through 2020 (26). These decreases result primarily from motor vehicle controls and reductions in evaporative emissions. Although vehicle miles traveled (VMT) in the SCAB continue to increase, NO_X and VOC levels are decreasing because of the mandated controls on motor vehicles and the replacement of older polluting vehicles with lower-emitting vehicles. NO_X emissions from electric utilities have also decreased due to use of cleaner fuels and renewable energy. O_3 contour maps show that the number of days exceeding the 8-hour NAAQS has generally decreased between 1980 and 2020. For 2020, there was an overall

decrease in exceedance days compared with the 1980 period. However, as shown in Table 2-5, O_3 levels have increased in the past three years due to higher temperatures and stagnant weather conditions. Notwithstanding, O_3 levels in the SCAB have decreased substantially over the last 30 years with the current maximum measured concentrations being approximately one-third of concentrations within the late 70s (27).

TABLE 2-5: SCAB O_3 TREND

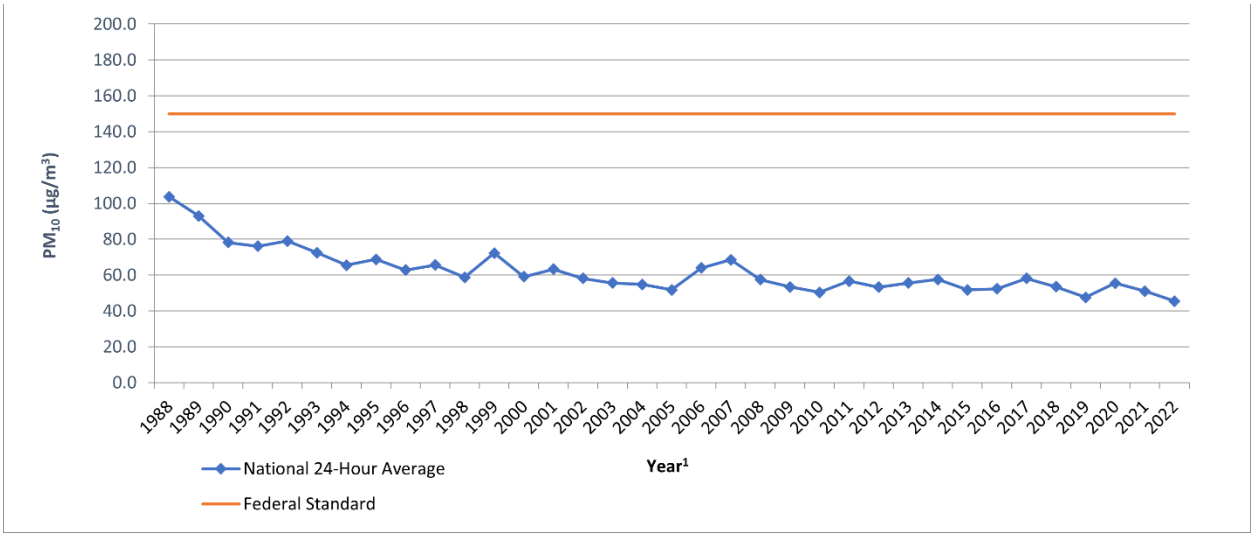


Source: 2020 SCAQMD, Historical O_3 Air Quality Trends (1976-2020)

The overall trends of PM_{10} and $PM_{2.5}$ levels in the air (not emissions) show an overall improvement since 1975. Direct emissions of PM_{10} have remained somewhat constant in the SCAB and direct emissions of $PM_{2.5}$ have decreased slightly since 1975. Area wide sources (fugitive dust from roads, dust from construction, and other sources) contribute the greatest amount of direct particulate matter emissions.

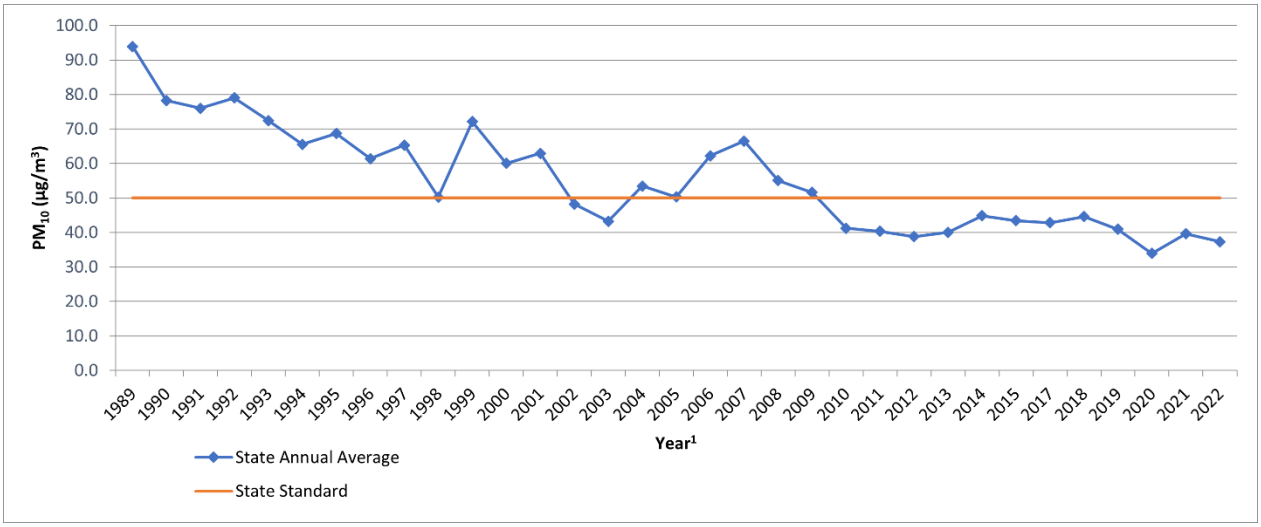
As with other pollutants, the most recent PM_{10} statistics show an overall improvement as illustrated in Tables 2-6 and 2-7. During the period for which data are available (1988-2022), the 24-hour national annual average concentration for PM_{10} decreased by approximately 56%, from 103.7 microgram per cubic meter (µg/m³) in 1988 to 45.5 µg/m³ in 2022 (28). Although the values are below the federal standard, it should be noted that there are days within the year where the concentrations would exceed the threshold. The 24-hour state annual average for emissions for PM_{10}, have decreased by approximately 64%, from 93.9 µg/m³ in 1989 to 37.3 µg/m³ in 2022 (28). Although data in the late 1990s show some variability, this is probably due to the advances in meteorological science rather than a change in emissions. Similar to the ambient concentrations, the calculated number of days above the 24-hour PM_{10} standards has also shown an overall drop.

TABLE 2-6: SCAB AVERAGE 24-HOUR CONCENTRATION PM_{10} TREND (BASED ON FEDERAL STANDARD)[1]



Source: 2023 CARB, iADAM: Top Four Summary: PM_{10} 24-Hour Averages (1988-2022)
[1] Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

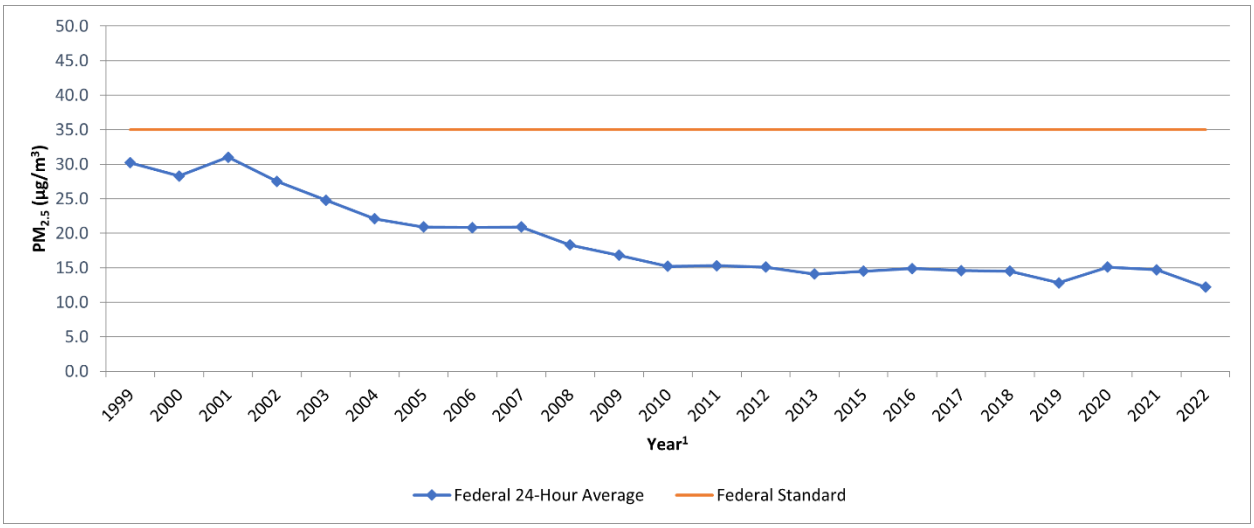
TABLE 2-7: SCAB ANNUAL AVERAGE CONCENTRATION PM_{10} TREND (BASED ON STATE STANDARD)[1]



Source: 2023 CARB, iADAM: Top Four Summary: PM_{10} 24-Hour Averages (1989-2022)
[1] Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

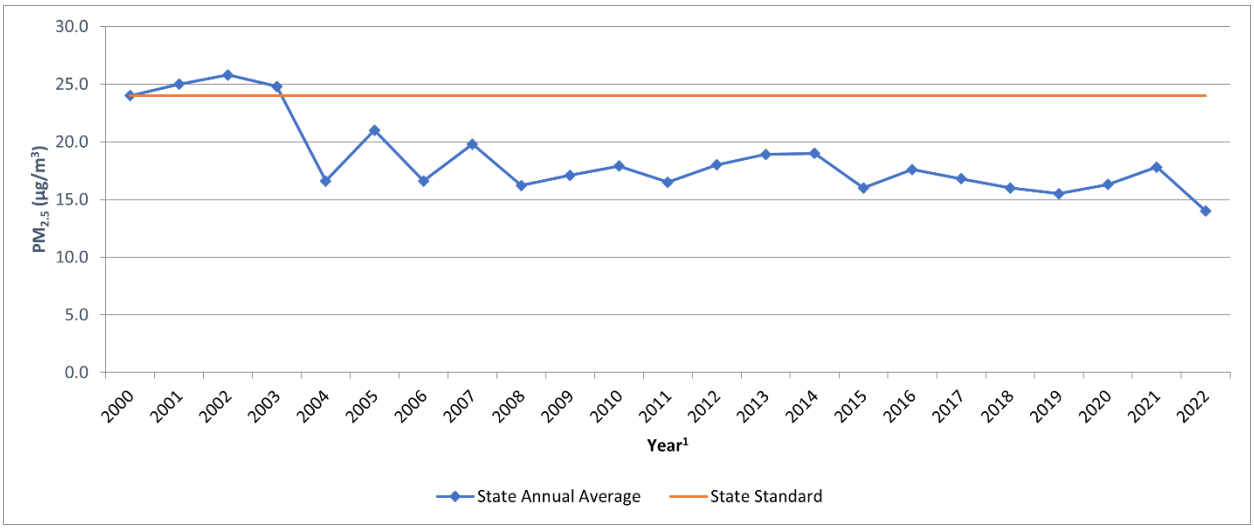
Tables 2-8 and 2-9 show the most recent 24-hour average and annual $PM_{2.5}$ concentrations in the SCAB. Overall, the national and state annual average concentrations have decreased by almost 60% and 42% respectively (28). It should be noted that the SCAB is currently designated as nonattainment for the state and federal $PM_{2.5}$ standards.

TABLE 2-8: SCAB 24-HOUR AVERAGE CONCENTRATION $PM_{2.5}$ TREND (BASED ON FEDERAL STANDARD)[1]



Source: 2023 CARB, iADAM: Top Four Summary: $PM_{2.5}$ 24-Hour Averages (1999-2022)
[1] Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

TABLE 2-9: SCAB ANNUAL AVERAGE CONCENTRATION $PM_{2.5}$ TREND (BASED ON STATE STANDARD)[1]



Source: 2023 CARB, iADAM: Top Four Summary: $PM_{2.5}$ 24-Hour Averages (1999-2022)

[1] Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

While the 2012 AQMP PM_{10} attainment demonstration and the 2015 associated supplemental SIP submission indicated that attainment of the 24-hour standard was predicted to occur by the end of 2015, it could not anticipate the effect of the ongoing drought on the measured $PM_{2.5}$.

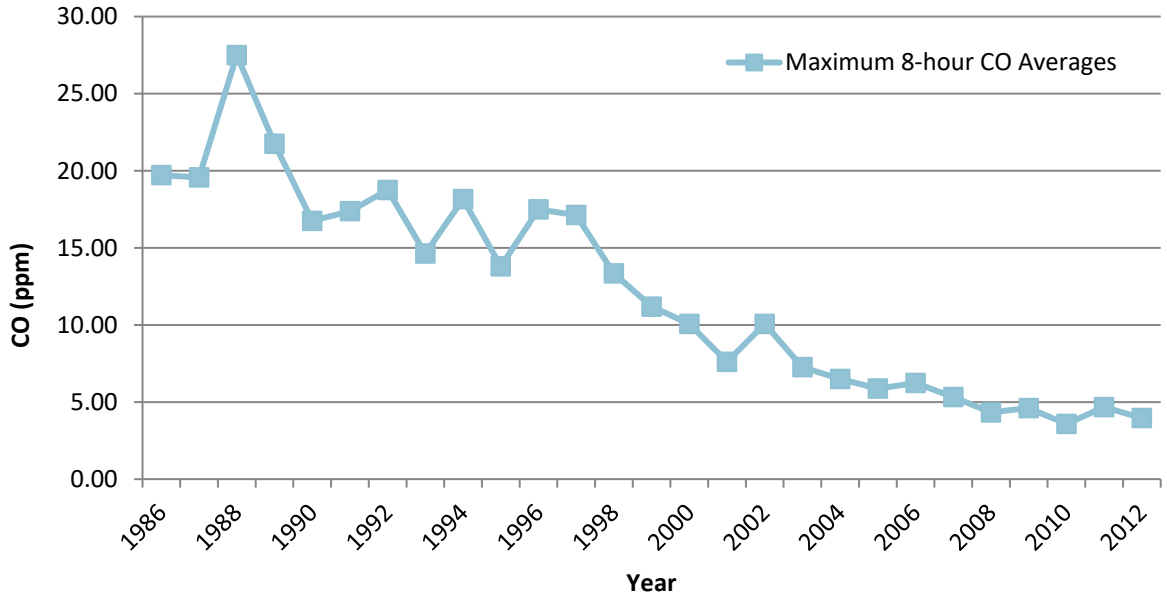
The 2006 to 2010 base period used for the 2012 attainment demonstration had near-normal rainfall. While the trend of $PM_{2.5}$-equivalent emission reductions continued through 2015, the severe drought conditions contributed to the $PM_{2.5}$ increases observed after 2012. As a result of the disrupted progress toward attainment of the federal 24-hour $PM_{2.5}$ standard, SCAQMD submitted a request and the EPA approved, in January 2016, a "bump up" to the nonattainment classification from "moderate" to "serious," with a new attainment deadline as soon as

practicable, but not beyond December 31, 2019. As of March 14, 2019, the EPA approved portions of a SIP revision submitted by California to address CAA requirements for the 2006 24-hour $PM_{2.5}$ NAAQS in the Los Angeles-SCAB Serious $PM_{2.5}$ nonattainment area. The EPA also approved 2017 and 2019 motor vehicle emissions budgets for transportation conformity purposes and inter-pollutant trading ratios for use in transportation conformity analyses (29).

In December 2022, the SCAQMD released the Final 2022 AQMP. The 2022 AQMP continues to evaluate current integrated strategies and control measures to meet the NAAQS, as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (30). Similar to the 2016 AQMP, the 2022 AQMP incorporates scientific and technological information and planning assumptions, including the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy (2020-2045 RTP/SCS) and updated emission inventory methodologies for various source categories (31).

The most recent CO concentrations in the SCAB are shown in Table 2-10 (28). CO concentrations in the SCAB have decreased markedly — a total decrease of more about 80% in the peak 8-hour concentration from 1986 to 2012. It should be noted 2012 is the most recent year where 8-hour CO averages and related statistics are available in the SCAB. The number of exceedance days has also declined. The entire SCAB is now designated as attainment for both the state and national CO standards. Ongoing reductions from motor vehicle control programs should continue the downward trend in ambient CO concentrations.

TABLE 2-10: SCAB 8-HOUR AVERAGE CONCENTRATION CO TREND[1]

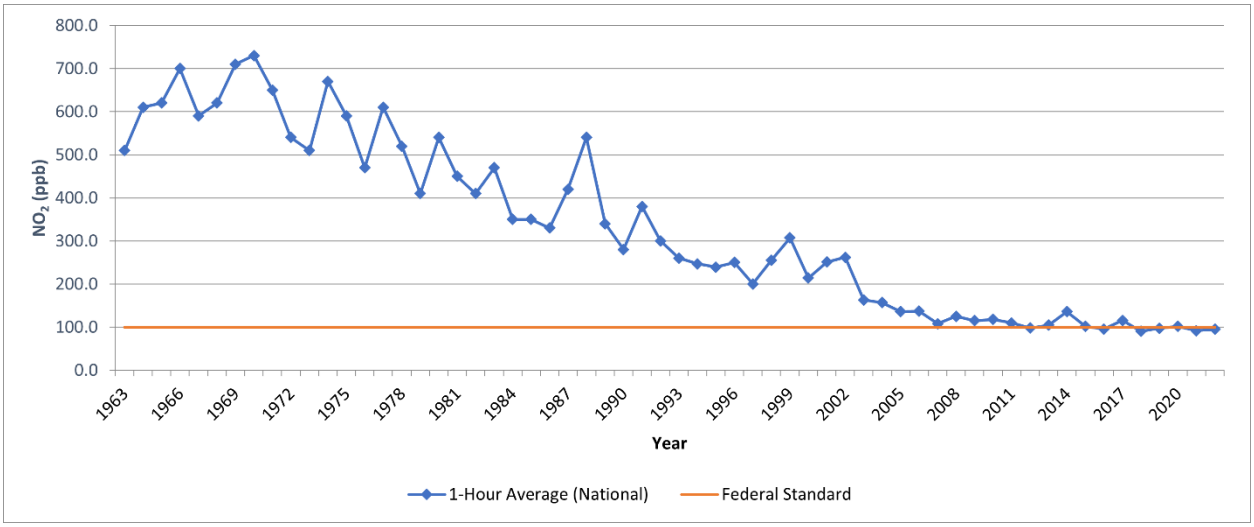


Source: 2020 CARB, iADAM: Top Four Summary: CO 8-Hour Averages (1986-2012)
[1] The most recent year where 8-hour concentration data is available is 2012.

Part of the control process of the SCAQMD's duty to greatly improve the air quality in the SCAB is the uniform CEQA review procedures recommended in the SCAQMD's *CEQA Air Quality Handbook (1993)* (*1993 CEQA Handbook*) (32). The single threshold of significance used to assess Project direct and cumulative impacts has in fact "worked" as evidenced by the track record of the air quality in the SCAB dramatically improving over the course of the past decades. As stated by the SCAQMD, the SCAQMD's thresholds of significance are based on factual and scientific data and are therefore appropriate thresholds of significance to use for this Project.

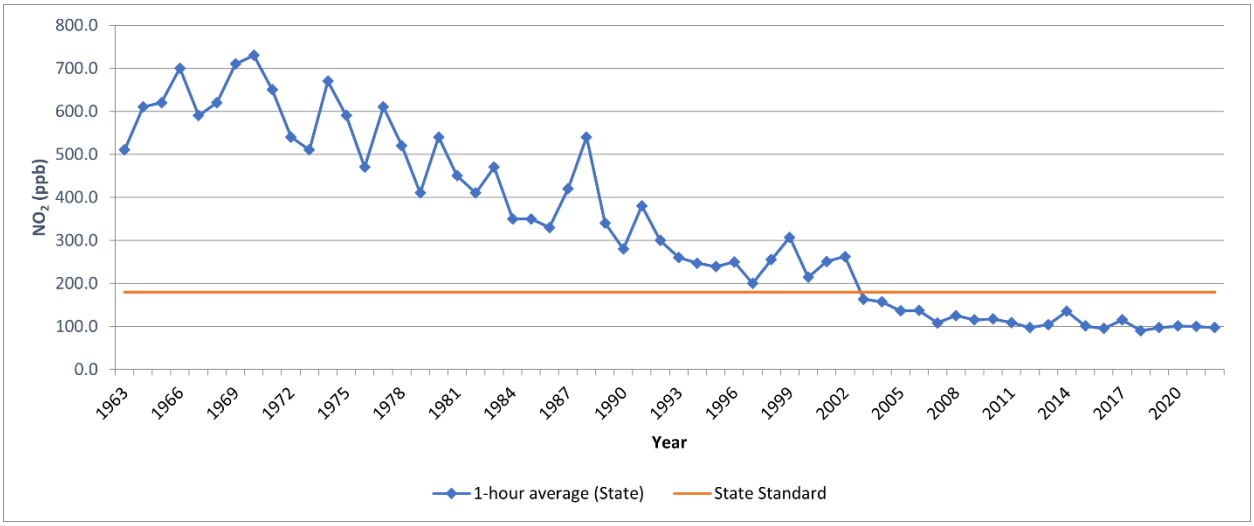
The most recent NO_2 data for the SCAB is shown in Tables 2-11 and 2-12 (28). Over the last 50 years, NO_2 values have decreased significantly; the peak 1-hour national and state averages for 2022 is approximately 81% lower than what it was during 1963. The SCAB attained the State 1-hour NO_2 standard in 1994, bringing the entire state into attainment. A new state annual average standard of 0.030 ppm was adopted by CARB in February 2007 (33). The new standard is just barely exceeded in the SCAB. NO_2 is formed from NO_X emissions, which also contribute to O_3. As a result, the majority of the future emission control measures would be implemented as part of the overall O_3 control strategy. Many of these control measures would target mobile sources, which account for more than three-quarters of California's NO_X emissions. These measures are expected to bring the SCAB into attainment of the state annual average standard.

TABLE 2-11: SCAB 1-HOUR AVERAGE CONCENTRATION NO_2 TREND (BASED ON FEDERAL STANDARD)



Source: 2023 CARB, iADAM: Top Four Summary: CO 1-Hour Averages (1963-2022)

TABLE 2-12: SCAB 1-HOUR AVERAGE CONCENTRATION NO_2 TREND (BASED ON STATE STANDARD)



Source: 2023 CARB, iADAM: Top Four Summary: CO 1-Hour Averages (1963-2022)

2.9.1 TOXIC AIR CONTAMINANTS (TAC) TRENDS

In 1984, as a result of public concern for exposure to airborne carcinogens, CARB adopted regulations to reduce the amount of TAC emissions resulting from mobile and area sources, such as cars, trucks, stationary sources, and consumer products. According to the *Ambient and Emission Trends of Toxic Air Contaminants in California* journal article (34) which was prepared for CARB, results show that between 1990-2012, ambient concentration and emission trends for the seven TACs responsible for most of the known cancer risk associated with airborne exposure in California have declined significantly (between 1990 and 2012). The seven TACs studied include those that are derived from mobile sources: diesel particulate matter (DPM), benzene (C_6H_6), and

1,3-butadiene (C_4H_6); those that are derived from stationary sources: perchloroethylene (C_2Cl_4) and hexavalent chromium (Cr(VI)); and those derived from photochemical reactions of emitted VOCs: formaldehyde (CH_2O) and acetaldehyde (C_2H_4O).[2] The decline in ambient concentration and emission trends of these TACs are a result of various regulations CARB has implemented to address cancer risk.

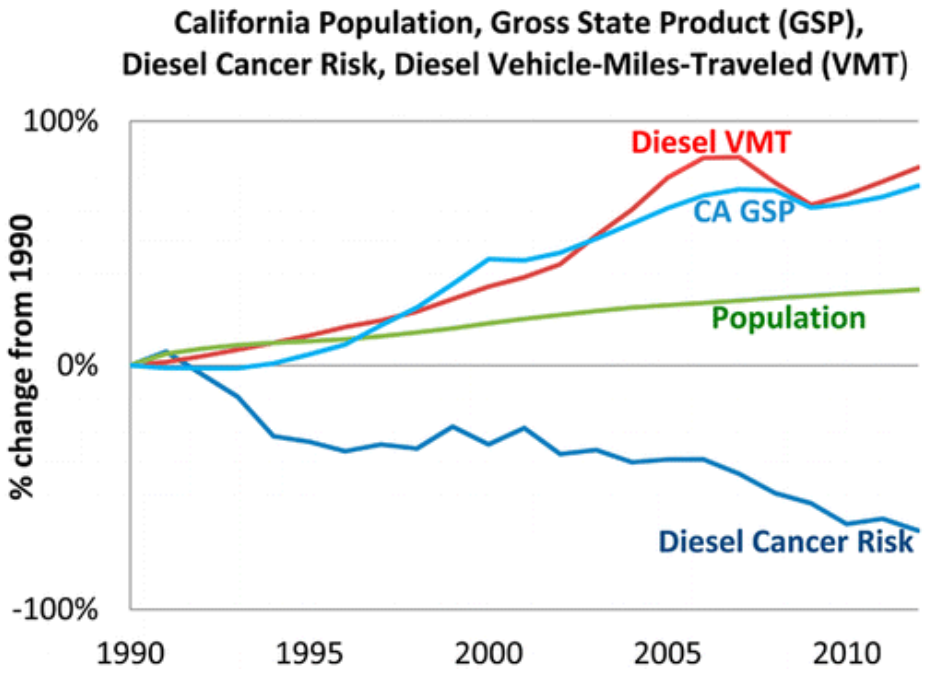
MOBILE SOURCE TACS

CARB introduced two programs that aimed at reducing mobile emissions for light and medium duty vehicles through vehicle emissions controls and cleaner fuel. In California, light-duty vehicles sold after 1996 are equipped with California's second-generation On-Board Diagnostic (OBD-II) system. The OBD-II system monitors virtually every component that can affect the emission performance of the vehicle to ensure that the vehicle remains as clean as possible over its entire life and assists repair technicians in diagnosing and fixing problems with the computerized engine controls. If a problem is detected, the OBD-II system illuminates a warning lamp on the vehicle instrument panel to alert the driver. This warning lamp typically contains the phrase "Check Engine" or "Service Engine Soon." The system would also store important information about the detected malfunction so that a repair technician can accurately find and fix the problem. CARB has recently developed similar OBD requirements for heavy-duty vehicles over 14,000 pounds (lbs). CARB's phase II Reformulated Gasoline Regulation (RFG-2), adopted in 1996, also led to a reduction of mobile source emissions. Through such regulations, benzene levels declined 88% from 1990-2012. 1,3-Butadiene concentrations also declined 85% from 1990-2012 as a result of the use of reformulated gasoline and motor vehicle regulations (34).

In 2000, CARB's Diesel Risk Reduction Plan (DRRP) recommended the replacement and retrofit of diesel-fueled engines and the use of ultra-low-sulfur (<15 ppm) diesel fuel. As a result of these measures, DPM concentrations have declined 68% since 2000, even though the state's population increased 31% and the amount of diesel vehicles miles traveled increased 81%, as shown on Exhibit 2-B. With the implementation of these diesel-related control regulations, CARB expects a DPM decline of 71% for 2000-2020.

[2] It should be noted that ambient DPM concentrations are not measured directly. Rather, a surrogate method using the coefficient of haze (COH) and elemental carbon (EC) is used to estimate DPM concentrations.

EXHIBIT 2-A: DPM AND DIESEL VEHICLE MILES TREND



Source: 2020 CARB

DIESEL REGULATIONS

CARB and the Ports of Los Angeles and Long Beach (POLA and POLB) have adopted several iterations of regulations for diesel trucks that are aimed at reducing DPM. More specifically, CARB Drayage Truck Regulation (22), CARB statewide On-road Truck and Bus Regulation (23), and the Ports of Los Angeles and Long Beach Clean Truck Program (CTP) require accelerated implementation of "clean trucks" into the statewide truck fleet (24). In other words, older more polluting trucks would be replaced with newer, cleaner trucks as a function of these regulatory requirements.

Moreover, the average statewide DPM emissions for Heavy Duty Trucks (HDT), in terms of grams of DPM generated per mile traveled, would dramatically be reduced due to the aforementioned regulatory requirements.

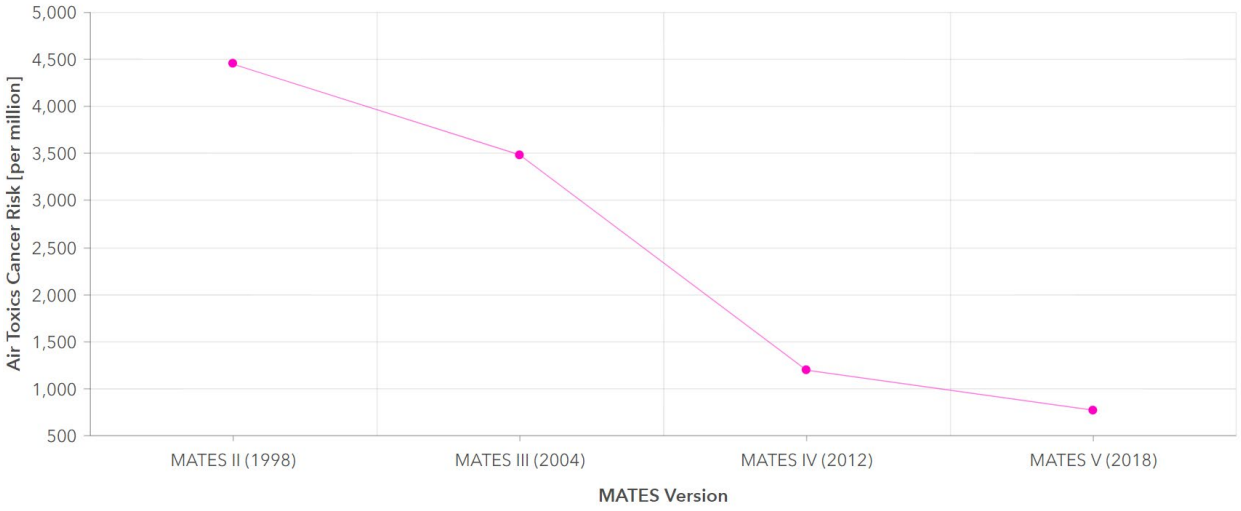
Diesel emissions identified in this analysis would therefore overstate future DPM emissions since not all the regulatory requirements are reflected in the modeling.

CANCER RISK TRENDS

Based on information available from CARB, overall cancer risk throughout the SCAB has had a declining trend since 1990. In 1998, following an exhaustive 10-year scientific assessment process, CARB identified particulate matter from diesel-fueled engines as a toxic air contaminant. The SCAQMD initiated a comprehensive urban toxic air pollution study called the Multiple Air Toxics Exposure Study (MATES). DPM accounts for more than 70% of the cancer risk.

In January 2018, as part of the overall effort to reduce air toxics exposure in the SCAB, SCAQMD began conducting the MATES V Program. MATES V field measurements were conducted at ten fixed sites (the same sites selected for MATES III and IV) to assess trends in air toxics levels. MATES V also included measurements of ultrafine particles (UFP) and black carbon (BC) concentrations, which can be compared to the UFP levels measured in MATES IV (35). The final report for the MATES V study was published August 2021. In addition to new measurements and updated modeling results, several key updates were implemented in MATES V. First, MATES V estimates cancer risks by taking into account multiple exposure pathways, which includes inhalation and non-inhalation pathways. This approach is consistent with how cancer risks are estimated in South Coast AQMD's programs such as permitting, Air Toxics Hot Spots (AB2588), and CEQA. Previous MATES studies quantified the cancer risks based on the inhalation pathway only. Second, along with cancer risk estimates, MATES V includes information on the chronic non-cancer risks from inhalation and non-inhalation pathways for the first time. Cancer risks and chronic non-cancer risks from MATES II through IV measurements have been re-examined using current Office of Environmental Health Hazard Assessment (OEHHA) and CalEPA risk assessment methodologies and modern statistical methods to examine the trends over time (36). Exhibit 2-B illustrates the MATES V Risk trends for the nearest available monitoring site to the Project, located in Calimesa.

EXHIBIT 2-B: MATES V RISK MAP



The reductions in cancer and non-cancer risks and heavy truck-related air quality emissions within the SCAB also has been documented in a technical memorandum prepared by Ramboll US Consulting, Inc. This technical memorandum, which is herein incorporated by reference pursuant to CEQA Guidelines § 15150, is entitled, "Technical Comments in Response to the December 2022 Report Titled A Region In Crisis: The Rationale For A Public Health State Of Emergency In The Inland Empire" (herein, "Ramboll Report"), is dated February 13, 2023 (37). As demonstrated by the Ramboll Report, emissions of DPM and NO_X and VMT from heavy truck trips have consistently declined within the Inland Empire (IE) and are expected to continue to decline through at least 2040 (38). The Ramboll Report also notes that "[e]xisting regulatory requirements have reduced

PM and NO_X emissions from trucks in the IE by 94% and 82% respectively from 2000 to 2023," and further notes that "[a]dditional reductions of PM (7%) and NO_X (27%) emissions are expected to occur from 2023 to 2040 as a result of the recently adopted Low NO_X Heavy-Duty Omnibus and ACT regulations that are already transitioning the diesel vehicles to cleaner technologies including Zero Emission (ZE) trucks." The Ramboll Report also demonstrates that the DPM emissions from trucks operating in the IE were reduced by 77% from 2016 to 2023 and shows that the DPM emissions from Transport Refrigeration Units (TRUs) operating in the IE also have been reduced by 39% since 2016. This reduction in DPM emission rates has resulted in a corresponding significant reduction in risk as well, despite increasingly conservative regulatory guidance in the preparation of HRAs, particularly OEHHA's adoption of age sensitivity factors in their revised HRA guidance released in 2015. Moreover, the results of Ramboll's study showed an estimated basin-wide air toxics cancer risk of 336 in a million in 2023, representing a 20% reduction as compared to 2018 when the basin average air toxics cancer risk was estimated at 288 in a million, as reported by MATES V. The Ramboll Report concludes that "substantial air quality improvements have occurred and will continue to occur based on existing regulatory requirements and the transition to ZE trucks as they become more commercially available will only further improve an already dramatically improved air quality environment." (38)

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3 PROJECT AIR QUALITY IMPACT

3.1 INTRODUCTION

This study quantifies air quality emissions generated by construction and operation of the Project and addresses whether the Project conflicts with implementation of the SCAQMD's AQMP and Lead Agency planning regulations. The analysis of Project-generated air emissions determines whether the Project would result in a cumulatively considerable net increase of any criteria pollutant for which the SCAB is in non-attainment under an applicable NAAQS and CAAQS. Additionally, the Project has been evaluated to determine whether the Project would expose sensitive receptors to substantial pollutant concentrations and the impacts of odors. The significance of these potential impacts is described in the following sections.

For purposes of this analysis, emissions from the operation of the proposed Project are compared to those that would result from the currently approved project, as detailed in the Mesa Verde Specific Plan Environmental Impact Report Addendum (referred to as previous EIR), which was prepared in October 2017 (39). The currently approved project consists of 3,292 single family dwelling units, 358 multifamily dwelling units, 48 acres of active park, an 8,000 square foot recreation community center, 2 elementary schools with a total of 1,200 students, and 250,000 square feet of commercial retail use.

3.2 STANDARDS OF SIGNIFICANCE

The criteria used to determine the significance of potential Project-related air quality impacts are taken from the *CEQA Guidelines* (14 CCR §§15000, et seq.). Based on these thresholds, a project would result in a significant impact related to air quality if it would (1):

- Conflict with or obstruct implementation of the applicable air quality plan.
- Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is in non-attainment under an applicable federal or state ambient air quality standard.
- Expose sensitive receptors to substantial pollutant concentrations.
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

The SCAQMD has also developed regional significance thresholds for other regulated pollutants, as summarized at Table 3-1 (40). The SCAQMD's *CEQA Air Quality Significance Thresholds* (March 2023) indicate that any projects in the SCAB with daily emissions that exceed any of the indicated thresholds should be considered as having an individually and cumulatively significant air quality impact.

TABLE 3-1: MAXIMUM DAILY REGIONAL EMISSIONS THRESHOLDS

Pollutant	Construction	Operations
Regional Significance Thresholds		
NO_X	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM_{10}	150 lbs/day	150 lbs/day
$PM_{2.5}$	55 lbs/day	55 lbs/day
SO_X	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day
Pb	3 lbs/day	3 lbs/day
Localized Significance Thresholds		
NO_2	0.18 ppm	0.18 ppm
CO (1-hour average)	20 ppm	20 ppm
CO (8-hour average)	9 ppm	9 ppm
PM_{10}	10.4 µg/m^3	2.5 µg/m^3
$PM_{2.5}$	10.4 µg/m^3	2.5 µg/m^3

lbs/day = Pounds Per Day
ppm = Parts Per Million
µg/m^3 = Micrograms Per Cubic Meter

3.3 MODELS EMPLOYED TO ANALYZE AIR QUALITY

3.3.1 CALEEMOD

Land uses such as the Project affect air quality through construction-source and operational-source emissions.

In May 2023, the CAPCOA in conjunction with other California air districts, including SCAQMD, released the latest version of CalEEMod version 2022.1.1.22. The purpose of this model is to calculate construction-source and operational-source criteria pollutant (VOCs, NO_X, SO_X, CO, PM_{10}, and $PM_{2.5}$) and GHG emissions from direct and indirect sources; and quantify applicable air quality and GHG reductions achieved from mitigation measures (41). Accordingly, the latest version of CalEEMod has been used for this Project to determine construction and operational air quality emissions. Output from the model runs for both construction and operational activity are provided in Appendices 3.1 through 3.3.

3.4 CONSTRUCTION EMISSIONS

3.4.1 CONSTRUCTION ACTIVITIES

Construction activities associated with the Project would result in emissions of VOCs, NO_X, SO_X, CO, PM_{10}, and $PM_{2.5}$. Construction-related emissions are expected from the following construction activities:

a. Phase 1:

- Site Preparation
- Mass Grading Phase 1 + 2
- Building Construction
- Paving
- Architectural Coating

b. Phase 2:

- Site Preparation
- Mass Grading Phase 1 + 2
- Building Construction
- Paving
- Architectural Coating

c. Phase 3:

- Site Preparation
- Mass Grading Phase 3 + 4
- Building Construction
- Paving
- Architectural Coating

d. Phase 4:

- Site Preparation
- Mass Grading Phase 3 + 4
- Building Construction
- Paving
- Architectural Coating

e. Phase 5:

- Site Preparation
- Remedial Grading
- Building Construction
- Paving
- Architectural Coating

GRADING ACTIVITIES

Dust is typically a major concern during grading activities. Because such emissions are not amenable to collection and discharge through a controlled source, they are called "fugitive emissions." Fugitive dust emissions rates vary as a function of many parameters (soil silt, soil moisture, wind speed, area disturbed, number of vehicles, depth of disturbance or excavation, etc.). CalEEMod was utilized to calculate fugitive dust emissions resulting from this phase of activity. Based on data provided by the Project applicant, mass site grading is expected to occur during Phases 1-2 and 3-4. In addition, the analysis conservatively assumes that remedial grading activities may occur during Phase 5 of construction. Based on information provided by the Project Applicant, the Project will balance soils on site and no soil import or export will be necessary. In order to maintain compliance with SCAQMD Rule 403, it was assumed that the site would be watered at least three times per day during site preparation and grading activities.

OFF-SITE UTILITY AND INFRASTRUCTURE IMPROVEMENTS

In addition, to support the Project development, there may be paving for off-site improvements associated with roadway construction and utility installation for the Project. It is expected that the off-site construction activities would not take place at one location for the entire duration of construction. Impacts associated with these activities are not expected to exceed the emissions identified for Project-related construction activities since the off-site construction areas would have physical constraints on the amount of daily activity that could occur. The physical constraints would limit the amount of construction equipment that could be used, and any off-site and utility infrastructure construction would not use equipment totals that would exceed the equipment totals in Tables 3-5 and 3-6. At this time, it is not known when off-site utility and infrastructure improvements would occur in relation to other proposed Project construction activities, but it is assumed that the same equipment that is utilized for Project construction would be utilized for off-site utility and infrastructure improvements as well. As such, no impacts beyond what has already been identified in this report are expected to occur.

3.4.2 CONSTRUCTION DURATION

For purposes of analysis, construction of the Project is expected to commence in July 2026 and would end in December 2045. The construction schedule utilized in the analysis, shown in Tables 3-2, represents a "worst-case" analysis scenario should construction occur any time after the respective dates since emission factors for construction decrease as time passes and the analysis year increases due to emission regulations becoming more stringent.[3] The duration of construction activity and associated equipment represents a reasonable approximation of the expected construction fleet as required per *CEQA Guidelines* (1). It should be noted that the duration of each phase of construction was adjusted based on estimates provided by the Project Applicant.

[3] As shown in the CalEEMod User's Guide Version 2022.1, Section 4.3 "Off-Road Equipment" as the analysis year increases, emission factors for the same equipment pieces decrease due to the natural turnover of older equipment being replaced by newer less polluting equipment and new regulatory requirements.

TABLE 3-2: CONSTRUCTION DURATION

Phase	Construction Activity	Start Date	End Date	Days
1	Site Preparation	7/1/2026	9/1/2026	45
	Mass Grading Phase 1 + 2	9/2/2026	6/2/2027	196
	Building Construction	6/3/2027	11/3/2028	372
	Paving	11/4/2028	8/4/2029	195
	Architectural Coating	8/5/2029	5/5/2030	195
2	Site Preparation	5/6/2030	6/20/2030	34
	Mass Grading Phase 1 + 2	6/21/2030	2/1/2031	161
	Building Construction	2/2/2031	5/2/2033	586
	Paving	5/3/2033	12/20/2033	166
	Architectural Coating	12/21/2033	9/1/2034	183
3	Site Preparation	5/1/2033	11/1/2033	132
	Mass Grading Phase 3 + 4	11/2/2033	3/2/2035	348
	Building Construction	3/3/2035	12/31/2038	1000
	Paving	6/1/2037	12/31/2038	415
	Architectural Coating	6/1/2037	12/31/2038	415
4	Site Preparation	1/1/2037	6/1/2037	108
	Mass Grading Phase 3 + 4	6/2/2037	9/2/2038	328
	Building Construction	9/3/2038	12/31/2040	607
	Paving	6/1/2039	12/31/2040	414
	Architectural Coating	6/1/2039	12/31/2040	414
5	Site Preparation	1/1/2041	5/1/2041	87
	Remedial Grading	5/2/2041	6/2/2042	283
	Building Construction	6/3/2042	12/31/2045	934
	Paving	6/1/2044	12/31/2045	413
	Architectural Coating	6/1/2044	12/31/2045	413

3.4.3 CONSTRUCTION EQUIPMENT

Consistent with industry standards and typical construction practices, each piece of equipment listed in Tables 3-3 would operate up to a total of eight (8) hours per day, or more than two-thirds of the period during which construction activities are allowed. It should be noted that the construction equipment list was adjusted based on the construction schedule for each phase of construction as well as estimates provided by the Project Applicant.

TABLE 3-3: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Phase	Construction Activity	Equipment[1]	Quantity	Hours
1	Site Preparation	Crawler Tractors	5	8
		Off-Highway Trucks	4	8
	Mass Grading Phase 1 + 2	Excavators	2	8
		Graders	2	8
		Rubber Tired Dozers	2	8
		Scrapers	16	8
		Crawler Tractors	4	8
		Off-Highway Trucks	3	8
	Building Construction	Cranes	2	8
		Forklifts	6	8
		Generator Sets	2	8
		Tractors/Loaders/Backhoes	6	8
		Welders	2	8
	Paving	Pavers	2	8
		Paving Equipment	2	8
		Rollers	2	8
	Architectural Coating	Air Compressors	2	8
2	Site Preparation	Crawler Tractors	5	8
		Off-Highway Trucks	4	8
	Mass Grading Phase 1 + 2	Excavators	1	8
		Graders	2	8
		Rubber Tired Dozers	2	8
		Scrapers	14	8
		Crawler Tractors	4	8
		Off-Highway Trucks	4	8
	Building Construction	Cranes	2	8
		Forklifts	7	8
		Generator Sets	2	8
		Tractors/Loaders/Backhoes	7	8
		Welders	2	8
	Paving	Pavers	2	8
		Paving Equipment	2	8

Phase	Construction Activity	Equipment[1]	Quantity	Hours
		Rollers	2	8
	Architectural Coating	Air Compressors	1	8
3	Site Preparation	Crawler Tractors	5	8
		Off-Highway Trucks	4	8
	Mass Grading Phase 3 + 4	Excavators	1	8
		Graders	2	8
		Rubber Tired Dozers	2	8
		Scrapers	14	8
		Crawler Tractors	4	8
		Off-Highway Trucks	4	8
	Building Construction	Cranes	3	8
		Forklifts	8	8
		Generator Sets	3	8
		Tractors/Loaders/Backhoes	8	8
		Welders	3	8
	Paving	Pavers	3	8
		Paving Equipment	3	8
		Rollers	3	8
	Architectural Coating	Air Compressors	1	8
4	Site Preparation	Crawler Tractors	5	8
		Off-Highway Trucks	4	8
	Mass Grading Phase 3 + 4	Excavators	1	8
		Graders	2	8
		Rubber Tired Dozers	2	8
		Scrapers	14	8
		Crawler Tractors	4	8
		Off-Highway Trucks	4	8
	Building Construction	Cranes	2	8
		Forklifts	7	8
		Generator Sets	2	8
		Tractors/Loaders/Backhoes	7	8
		Welders	2	8
		Pavers	2	8

Phase	Construction Activity	Equipment[1]	Quantity	Hours
	Paving	Paving Equipment	2	8
		Rollers	2	8
	Architectural Coating	Air Compressors	1	8
5	Site Preparation	Crawler Tractors	5	8
		Off-Highway Trucks	4	8
	Remedial Grading	Excavators	1	8
		Graders	2	8
		Rubber Tired Dozers	2	8
		Scrapers	14	8
		Crawler Tractors	4	8
		Off-Highway Trucks	4	8
	Building Construction	Cranes	2	8
		Forklifts	7	8
		Generator Sets	2	8
		Tractors/Loaders/Backhoes	7	8
		Welders	2	8
	Paving	Pavers	2	8
		Paving Equipment	2	8
		Rollers	2	8
	Architectural Coating	Air Compressors	1	8

[1] In order to account for fugitive dust emissions, Crawler Tractors were used in lieu of Tractors/Loaders/Backhoes.

3.4.4 CONSTRUCTION EMISSIONS SUMMARY

IMPACTS WITHOUT MITIGATION

CalEEMod calculates maximum daily emissions for summer and winter periods. As such, the estimated maximum daily construction emissions without mitigation for both summer and winter periods are summarized in Table 3-4. Detailed unmitigated construction model outputs are presented in Appendix 3.1. Under the assumed scenarios, emissions resulting from the Project construction will exceed thresholds established by the SCAQMD for emissions of VOC and NO_X during construction activity.

TABLE 3-4: OVERALL CONSTRUCTION EMISSIONS SUMMARY (WITHOUT MITIGATION)

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
2026	16.70	144.00	136.00	0.39	16.20	8.19
2027	16.20	133.00	135.00	0.39	15.80	7.80
2028	6.04	27.10	90.30	0.08	14.80	4.03
2029	87.90	8.71	14.30	0.03	2.60	0.63
2030	87.80	99.90	120.00	0.36	13.60	6.48
2031	4.69	25.80	74.40	0.10	13.10	3.54
2032	4.49	24.70	71.70	0.10	13.00	3.50
2033	7.01	39.40	94.10	0.17	14.77	4.28
2034	87.40	81.09	123.43	0.36	14.98	6.16
2035	4.92	27.80	75.30	0.11	13.70	3.68
2036	4.79	26.90	73.40	0.11	13.60	3.65
2037	50.90	103.50	205.40	0.50	28.90	9.60
2038	50.40	98.50	201.20	0.50	28.80	9.45
2039	30.80	24.90	62.20	0.09	9.11	2.50
2040	30.50	24.60	61.60	0.09	9.10	2.49
2041	10.60	54.10	101.00	0.35	11.30	4.53
2042	10.50	52.40	98.90	0.35	11.20	4.46
2043	2.41	16.70	42.20	0.07	5.92	1.62
2044	23.80	23.20	56.10	0.09	7.43	2.04
2045	23.80	23.00	55.90	0.09	7.41	2.02
Winter						
2026	16.70	144.00	135.00	0.39	16.20	8.19
2027	16.10	134.00	133.00	0.39	15.80	7.80
2028	5.82	27.80	75.50	0.08	14.80	4.03
2029	87.80	8.81	11.50	0.03	2.60	0.63
2030	87.80	100.00	120.00	0.36	13.60	6.48
2031	13.60	94.20	119.00	0.36	13.50	6.36
2032	4.39	25.30	62.00	0.10	13.00	3.50
2033	87.70	108.70	175.30	0.46	26.00	9.37
2034	87.40	81.26	120.73	0.36	14.98	6.16

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
2035	12.30	75.70	113.00	0.36	13.70	5.42
2036	4.72	27.20	65.00	0.11	13.60	3.65
2037	50.80	103.90	195.00	0.50	28.90	9.60
2038	50.40	99.20	190.80	0.50	28.80	9.42
2039	30.50	25.20	57.20	0.09	9.11	2.50
2040	30.50	24.80	56.60	0.09	9.10	2.49
2041	10.60	54.10	100.00	0.35	11.30	4.53
2042	10.50	52.50	98.40	0.35	11.20	4.46
2043	2.40	16.80	39.20	0.07	5.92	1.62
2044	23.80	23.30	52.40	0.09	7.43	2.04
2045	23.80	23.10	52.20	0.09	7.41	2.02
Total Maximum Daily Emissions	**87.90**	**144.00**	**205.40**	**0.50**	**28.90**	**9.60**
SCAQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	**YES**	**YES**	**NO**	**NO**	**NO**	**NO**

Source: CalEEMod construction-source (unmitigated) emissions are presented in Appendix 3.1.

RECOMMENDED CONSTRUCTION MITIGATION MEASURES

The Project construction-source emissions have the potential to exceed SCAQMD regional thresholds for VOC and NO_X emissions prior to mitigation. While MM AQ-1 through MM AQ-6 would reduce construction emissions, MM AQ-6 and MM AQ-11 are quantifiable in CalEEMod and specifically designed to reduce NOX and VOC emissions. With the application of MM AQ-1 through MM AQ-11, Project VOC and NOX emissions would be reduced to less than significant levels. As such, regional emissions resulting from Project construction would result in a less than significant impact.

MM AQ-1

Prior to the commencement of construction activities for the Project, the Applicant shall require its construction contractor to use California Air Resources Board (CARB)-certified Tier 4 Final engines for all diesel-powered equipment pieces that are 50 horsepower or greater throughout all phases of construction.

In the event of changed circumstances (e.g., changes in the availability of specific types of construction equipment), the applicant may submit a request to the City of Calimesa Community Development Department to apply an equivalent method of achieving Project-generated construction emissions that fall below the numeric cancer risk standards established by the South Coast Air Quality Management District (SCAQMD). Documentation using industry-standard emission estimation methodologies shall be furnished to the City of Calimesa Community Development Department demonstrating that estimated Project-generated construction

emissions would not exceed the estimated mitigated emissions for mass-daily regional construction emissions as presented in Section 4.2, Air Quality, of this Draft Environmental Impact Report and SCAQMD's cancer risk threshold of one in a million with the alternate construction method(s). If the documentation demonstrates that Project-generated construction emissions will remain below estimated mitigated emissions for mass-daily regional construction emissions as presented in Section 4.2, Air Quality, of this Draft Environmental Impact Report and SCAQMD's cancer risk threshold of one in a million, then the City of Calimesa Community Development Department Director may approve the alternate construction method(s), at the Director's discretion.

Required construction equipment fleet and methodologies approved by the City shall be included in the contract specifications for the applicant's construction contractor.

MM AQ-1 is quantified in the construction analysis within the CalEEMod mitigation module, wherein all off-road equipment with engines rated at 50 horsepower or greater are assumed to meet Tier 4 Final regulations.

MM AQ-2

The construction contractor shall include the following recommendation within their contractor plans: regularly scheduled engine maintenance be performed to minimize equipment emissions, and that maintenance records, data sheets, specifications, and emission control tiers be maintained onsite and furnished to the lead agency or other regulators upon request.

MM AQ-2 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-3

The construction contractor shall include the following recommendation within their contractor plans: alternative fuels, such as electric or ultra-low sulfur diesel off-road construction vehicles/equipment where applicable and feasible. Such equipment shall be considered feasible if available within Riverside County.

MM AQ-3 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-4

Electric or non-diesel-powered equipment shall be used rather than gasoline-powered engines where feasible.

The analysis conservatively assumed all construction equipment would be diesel-powered.

MM AQ-5

Applicants for new development projects within the Mesa Verde Specific Plan shall require the construction contractor to use coatings and solvents with a volatile organic compound (VOC) content of 10 grams per liter (g/L) or less for all interior and exterior paint applications for residential and non-residential land uses. Use of paints with VOC content of less than 10 g/L and

the spray method shall be included as a note on architectural building plans and verified by the Building Official or their designee during construction.

MM AQ-5 is quantified in the construction analysis within the mitigation module of CalEEMod, wherein 10 grams per liter VOC was selected for residential interior, residential exterior, non-residential interior, and non-residential exterior.

MM AQ-6

Legible, durable, weather-proof signs shall be placed at construction staging areas within the Project site. At a minimum, each sign shall include: 1) instructions for construction workers to shut off engines when not in use; 2) instructions for operators of heavy-duty diesel construction equipment to restrict idling to no more than two (2) minutes once the vehicle is stopped, the transmission is set to "neutral" or "park," and the parking brake is engaged; and 3) telephone numbers of the building facilities manager to report violations.

MM AQ-6 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-7

The construction contractor shall use electric tools and provide electrical hookups to the power grid rather than utilize diesel-fueled generators for the powering of electric construction tools such as saws, drills, and compressors to the extent feasible.

MM AQ-7 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-8

The construction contractor shall include provide information on transit and ridesharing programs and services to construction employees.

MM AQ-8 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

IMPACTS WITH MITIGATION

As indicated above, without mitigation, VOC and NO_X emissions are anticipated to exceed SCAQMD regional thresholds. The estimated maximum daily construction emissions with mitigation are summarized in Table 3-5. MMs AQ-1 through MM AQ-6 are recommended to reduce these impacts to less than significant levels. Detailed construction model outputs are presented in Appendix 3.2.

Under MM AQ-1, the modeling assumed that all construction equipment rated 50 horsepower or greater would meet or exceed CARB Tier 4 Final emission standards. Under MM AQ-5, it is assumed that the Project would utilize “super-compliant” architectural coatings with a VOC content of 10 g/L or less.

After implementation of these MMs, Project construction-source VOC and NOX emissions would not exceed SCAQMD regional significance thresholds. Thus, a less than significant impact with regard to regional construction emissions is expected.

TABLE 3-5: OVERALL CONSTRUCTION EMISSIONS SUMMARY (WITH MITIGATION)

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
2026	4.29	23.90	208.00	0.39	11.10	3.55
2027	4.99	23.80	207.00	0.39	14.40	3.63
2028	4.84	14.10	94.80	0.08	14.40	3.62
2029	20.70	4.54	14.30	0.03	2.60	0.63
2030	20.60	2.60	13.50	<0.005	2.60	0.63
2031	3.83	20.50	193.00	0.36	10.10	3.32
2032	3.50	13.30	79.30	0.10	12.70	3.20
2033	4.08	16.78	116.20	0.17	14.02	3.53
2034	7.03	33.10	266.30	0.46	22.80	6.52
2035	18.10	14.40	82.70	0.11	13.40	3.39
2036	3.50	14.20	81.10	0.11	13.40	3.39
2037	15.25	40.00	296.00	0.50	26.56	7.52
2038	15.04	39.30	294.00	0.50	26.56	7.52
2039	8.29	12.20	68.80	0.09	8.88	2.30
2040	8.01	12.10	68.20	0.09	8.88	2.30
2041	3.69	19.40	191.00	0.35	9.82	3.21
2042	3.68	19.40	191.00	0.35	9.82	3.21
2043	1.51	7.76	48.30	0.07	5.80	1.51
2044	6.15	11.40	63.10	0.09	7.27	1.90
2045	6.13	11.30	63.10	0.09	7.26	1.90
Winter						
2026	4.27	24.10	207.00	0.39	11.10	3.55
2027	4.76	23.90	206.00	0.39	14.40	3.63
2028	4.61	14.80	80.10	0.08	14.40	3.62
2029	20.60	4.64	12.00	0.03	2.60	0.63
2030	20.60	2.69	11.00	<0.005	2.60	0.63
2031	3.81	20.60	192.00	0.36	10.10	3.32

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
2032	3.80	20.50	192.00	0.36	12.70	3.31
2033	7.02	34.00	259.00	0.46	22.90	6.52
2034	21.87	33.50	256.30	0.46	22.80	6.52
2035	18.00	20.60	191.00	0.36	13.40	3.39
2036	3.43	14.50	72.70	0.11	13.40	3.39
2037	15.14	40.30	286.10	0.50	26.56	7.52
2038	15.04	40.20	285.00	0.50	26.56	7.52
2039	8.03	12.60	63.80	0.09	8.88	2.30
2040	7.98	12.30	63.20	0.09	8.88	2.30
2041	3.68	19.40	190.00	0.35	9.82	3.21
2042	3.68	19.40	190.00	0.35	9.82	3.21
2043	1.50	7.83	45.30	0.07	5.80	1.51
2044	6.13	11.50	59.30	0.09	7.27	1.90
2045	6.12	11.40	59.30	0.09	7.26	1.90
Total Maximum Daily Emissions	**21.87**	**40.30**	**296.00**	**0.50**	**26.56**	**7.52**
SCAQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**

Source: CalEEMod construction-source (mitigated) emissions are presented in Appendix 3.2.

3.5 OPERATIONAL EMISSIONS

Operational activities associated with the Project would result in emissions of VOCs, NO_X, SO_X, CO, PM_{10}, and $PM_{2.5}$. Operational emissions are expected from the following primary sources:

- Area Source Emissions;
- Energy Source Emissions;
- Mobile Source Emissions;
- Transportation Refrigeration Units (TRU) Emissions;
- On-Site Cargo Handling Equipment Emissions; and
- Stationary Source Emissions.

3.5.1 AREA SOURCE EMISSIONS

ARCHITECTURAL COATINGS

Over a period of time the buildings that are part of this Project would require maintenance and would therefore produce emissions resulting from the evaporation of solvents contained in

paints, varnishes, primers, and other surface coatings. The emissions associated with architectural coatings were calculated using CalEEMod model defaults.

CONSUMER PRODUCTS

Consumer products include, but are not limited to, detergents, cleaning compounds, polishes, personal care products, and lawn and garden products. Many of these products contain organic compounds which when released in the atmosphere can react to form ozone and other photochemically reactive pollutants. The emissions associated with use of consumer products were calculated based on defaults provided within CalEEMod.

LANDSCAPE MAINTENANCE EQUIPMENT

Landscape maintenance equipment would generate emissions from fuel combustion and evaporation of unburned fuel. Equipment in this category would include lawnmowers, shedders/grinders, blowers, trimmers, chain saws, and hedge trimmers used to maintain the landscaping of the Project. It should be noted that on October 9, 2021, Governor Gavin Newsom signed AB 1346. The bill aims to ban the sale of new gasoline-powered equipment under 25 gross horsepower (known as small off-road engines [SOREs]) by January 1, 2024, which is now in effect. However, for purposes of analysis, the emissions associated with landscape maintenance equipment were calculated based on default assumptions provided in CalEEMod, and do not incorporate the emissions reductions that would be realized from implementation of AB 1346.

3.5.2 ENERGY SOURCE EMISSIONS

COMBUSTION EMISSIONS ASSOCIATED WITH ELECTRICITY

Criteria pollutant emissions are emitted through the generation of electricity. However, because electrical generating facilities for the Project area are located either outside the region (state) or offset through the use of pollution credits (RECLAIM) for generation within the SCAB, criteria pollutant emissions from offsite generation of electricity are excluded from the evaluation of significance. Based on data provided by the Project Applicant, it was assumed that the Project will not use natural gas.

3.5.3 MOBILE SOURCE EMISSIONS

The Project related operational air quality emissions derive primarily from vehicle trips generated by the Project, including employee trips to and from the site and truck trips associated with the proposed uses. Trip characteristics available from the *Mesa Verde Specific Plan Traffic Analysis* were utilized in this analysis (4).

APPROACH FOR ANALYSIS OF THE PROJECT

In order to determine emissions from passenger car vehicles from industrial and non-industrial uses, CalEEMod defaults for trip length and trip purpose were utilized.

For the proposed industrial uses, it is important to note that although the *Mesa Verde Specific Plan Traffic Analysis* does not breakdown passenger cars by type, this analysis assumes that

passenger cars include Light-Duty-Auto vehicles (LDA), Light-Duty-Trucks (LDT1[4] & LDT2[5]), Medium-Duty-Vehicles (MDV), and Motorcycles (MCY) vehicle types. In order to account for emissions generated by passenger cars, the fleet mix in Table 3-6 was utilized for industrial uses. The CalEEMod default fleet mix was used for non-industrial uses.

TABLE 3-6: PASSENGER CAR FLEET MIX

Phase	Operational Year	Land Use	% Vehicle Type				
			LDA	LDT1	LDT2	MDV	MCY
1	2030	High-Cube Parcel Hub	53.47%	3.75%	23.69%	16.72%	2.38%
		High-Cube Cold Storage					
2	2035	High-Cube Parcel Hub	52.89%	3.45%	24.95%	16.46%	2.25%
		High-Cube Cold Storage					
3	2038	High-Cube Parcel Hub	52.67%	3.33%	25.40%	16.40%	2.21%
		High-Cube Cold Storage					
4	2040	High-Cube Parcel Hub	52.59%	3.27%	25.61%	16.35%	2.18%
		High-Cube Cold Storage					
5	2045	High-Cube Parcel Hub	52.53%	3.17%	25.89%	16.29%	2.13%
		High-Cube Cold Storage					

Note: The Project-specific passenger car fleet mix used in this analysis is based on a proportional split utilizing the default CalEEMod percentages assigned to LDA, LDT1, LDT2, and MDV vehicle types.

To determine emissions from trucks for the proposed industrial uses, a conservative trip length of 60 miles was utilized, as shown in Table 3-7. This trip length assumption is higher than the CalEEMod default trip length. Heavy trucks are broken down by truck type (or axle type) and are categorized as either Light-Heavy-Duty Trucks (LHDT1[6] & LHDT2[7])/2-axle, Medium-Heavy-Duty Trucks (MHDT)/3-axle, and Heavy-Heavy-Duty Trucks (HHDT)/4+-axle. To account for emissions generated by trucks, the fleet mix in Table 3-7 was utilized. It should be noted that passenger vehicle internal trip reductions identified in the Project traffic analysis were conservatively accounted for in CalEEMod as pass-by trips, which assume a trip length of 0.1 mile per trip.

TABLE 3-7: TRUCK FLEET MIX

Phase	Operational Year	Land Use	Trip Length (miles)	% Vehicle Type			
				LHDT1	LHDT2	MHDT	HHDT
1	2030	High-Cube Parcel Hub	60	23.47%	6.73%	13.39%	56.41%

[4] Vehicles under the LDT1 category have a gross vehicle weight rating (GVWR) of less than 6,000 lbs. and equivalent test weight (ETW) of less than or equal to 3,750 lbs.

[5] Vehicles under the LDT2 category have a GVWR of less than 6,000 lbs. and ETW between 3,751 lbs. and 5,750 lbs.

[6] Vehicles under the LHDT1 category have a GVWR of 8,501 to 10,000 lbs.

[7] Vehicles under the LHDT2 category have a GVWR of 10,001 to 14,000 lbs.

Phase	Operational Year	Land Use	Trip Length (miles)	% Vehicle Type			
				LHDT1	LHDT2	MHDT	HHDT
		High-Cube Cold Storage					
2	2035	High-Cube Parcel Hub	60	20.21%	5.73%	15.64%	58.42%
		High-Cube Cold Storage					
3	2038	High-Cube Parcel Hub	60	18.57%	5.18%	16.94%	59.30%
		High-Cube Cold Storage					
4	2040	High-Cube Parcel Hub	60	18.60%	5.15%	16.94%	59.30%
		High-Cube Cold Storage					
5	2045	High-Cube Parcel Hub	60	18.63%	5.12%	16.94%	59.30%
		High-Cube Cold Storage					

Note: Project-specific truck fleet mix is based on the number of trips generated by each truck type (LHDT1, LHDT2, MHDT, and HHDT) relative to the total number of truck trips.

FUGITIVE DUST RELATED TO VEHICULAR TRAVEL

Vehicles traveling on paved roads would be a source of fugitive emissions due to the generation of road dust inclusive of brake and tire wear particulates. The emissions estimate for travel on paved roads was calculated using CalEEMod.

3.5.4 TRU SOURCE EMISSIONS

In order to account for the possibility of refrigerated uses, trucks associated with the cold-storage land use are assumed to also have TRUs. Therefore, for modeling purposes 263 trucks (526 two-way truck trips per day) have the potential to include TRUs. TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on EMissions FACtor Model version 2021 (EMFAC2021), developed by the CARB. EMFAC2021 does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU operation associated with project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operation.

3.5.5 ON-SITE CARGO HANDLING EQUIPMENT SOURCE EMISSIONS

It is common for industrial buildings to require the operation of exterior cargo handling equipment in the building's truck court areas. For this Project, on-site modeled operational

equipment includes up to sixteen (16) 175 hp, natural gas-powered cargo handling equipment – port tractor operating 4 hours a day[8] for 365 days of the year.

3.5.6 STATIONARY SOURCE EMISSIONS

The proposed Project was conservatively assumed to include installation of eight 300-horsepower diesel-powered fire pumps at Project buildout (one for each industrial building). Additionally, in order to support cold storage uses, the Project was conservatively assumed to include the installation of one 800-horsepower emergency generator. The fire pumps and emergency generator were each estimated to operate for up to 1 hour per day, 1 day per week for up to 50 hours per year for maintenance and testing purposes. Emissions associated with the stationary diesel-powered emergency fire pumps and emergency generator were calculated using CalEEMod.

3.5.7 OPERATIONAL EMISSIONS SUMMARY

As previously stated, CalEEMod utilizes summer and winter EMFAC2021 emission factors in order to derive vehicle emissions associated with Project operational activities, which vary by season. The estimated operational-source emissions are summarized in Table 3-8. Detailed operation model outputs for the Project are presented in Appendix 3.3. The Project would exceed the numerical thresholds of significance established by the SCAQMD for emissions of VOCs, NO_X, CO, PM_{10}, and $PM_{2.5}$.

RECOMMENDED OPERATIONAL MITIGATION MEASURES

MM AQ-9

Construct, contribute, or dedicate land for the provision of on- site bicycle trails linking the facility to designated bicycle commuting routes.

MM AQ-9 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-10

Provide site improvements such as street furniture, route signs, bus turnouts, and sidewalks or pedestrian paths.

MM AQ-10 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-11

Build homes that exceed minimum statewide energy and water conservation construction requirements, such as:

[8] Based in Table II-3, Port and Rail Cargo Handling Equipment Demographics by Type, from CARB's Technology Assessment: Mobile Cargo Handling Equipment document, a single piece of equipment could operate up to 2 hours per day (Total Average Annual Activity divided by Total Number Pieces of Equipment). As such, the analysis conservatively assumes that the tractor/loader/backhoe would operate up to 4 hours per day.

- Use of low emission water heaters. Installation of low emission water heaters shall be verified by the Building Division during plan check.
- Use of energy efficient appliances. Installation of Energy Star appliances shall be verified by the Building Division during plan check.
- Use of light colored/earth tone roof tiles
- Exceed Title 24 energy efficiency requirements and/or offset building energy use through installation of photovoltaic panels on residential and non-residential buildings.
- Level 2 electric vehicle charging stations in single-family residential garages. The location of the electrical outlets shall be specified on building plans, and proper installation shall be verified by the Building Division prior to issuance of a Certificate of Occupancy.
- Use of low-flow water fixtures

MM AQ-11 is quantified in the analysis within the mitigation module of CalEEMod, wherein the installation of Energy Star refrigerators, clothes washers, and dishwashers as well as the use of low-flow kitchen faucets, dishwashers, and clothes washers was selected for the residential land uses. However, these mitigation measures would only reduce greenhouse gas emissions and no emission reductions would be realized for criteria pollutants.

MM AQ-10

For the warehouse/industrial portion of the Project, the buildings' electrical room shall be sufficiently sized to hold additional panels that may be needed to supply power for the future installation of electric vehicle (EV) truck charging stations on the site. Conduit should be installed from the electrical room to tractor trailer parking spaces in a logical location(s) on the site determined by the Project Applicant during construction document plan check, for the purpose of accommodating the future installation of EV truck charging stations at such time this technology becomes commercially available and the buildings are being served by trucks with electric-powered engines.

MM AQ-12 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-13

For the warehouse/industrial portion of the Project, the buildings' electrical room shall be sufficiently sized to hold additional panels that may be needed in the future to supply power to trailers with transport refrigeration units (TRUs) during the loading/unloading of refrigerated goods. Conduit should be installed from the electrical room to the loading docks determined by the Project Applicant during construction document plan check as the logical location(s) to receive trailers with TRUs.

MM AQ-13 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-14

Upon occupancy and annually thereafter, the facility operator shall provide information to all tenants, with instructions that the information shall be provided to employees and truck drivers as appropriate, regarding:

- Building energy efficiency, solid waste reduction, recycling, and water conservation.
- Vehicle GHG emissions, electric vehicle charging availability, and alternate transportation opportunities for commuting.
- Participation in the Voluntary Interindustry Commerce Solutions (VICS) "Empty Miles" program to improve goods trucking efficiencies.
- Health effects of diesel particulates, State regulations limiting truck idling time, and the benefits of minimized idling.
- The importance of minimizing traffic, noise, and air pollutant impacts to any residences in the Project vicinity.

MM AQ-14 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-15

Prior to issuance of a building permit, the project proponent shall provide the City with an onsite signage program that clearly identifies the required onsite circulation system, for the industrial portion of the Project. This shall be accomplished through posted signs and painting on driveways and internal roadways.

MM AQ-15 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-16

Prior to issuance of an occupancy permit, the City shall confirm that signs clearly identifying approved truck routes have been installed along the truck routes to and from the Project site.

MM AQ-16 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-17

Prior to issuance of an occupancy permit, the project proponent for the industrial portion of the Project, shall install a sign on the property with telephone, email, and regular mail contact information for a designated representative of the tenant who would receive complaints about excessive noise, dust, fumes, or odors. The sign shall also identify contact data for the City for perceived Code violations. The tenant's representative shall keep records of any complaints received and actions taken to communicate with the complainant and resolve the complaint. The tenant's representative shall endeavor to resolve complaints within 24 hours.

MM AQ-17 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-18

Prior to issuance of a building permit for the business park portion of the Project, the project proponent shall provide the City with project specifications, drawings, and calculations that demonstrate that main electrical supply lines and panels have been sized to support heavy truck charging facilities when these trucks become available. The calculations shall be based on reasonable predictions from currently available truck manufacturer's data. Electrical system upgrades that exceed reasonable costs shall not be required.

MM AQ-18 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-19

All on-site outdoor cargo-handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, forklifts, and other on-site equipment) shall be electric or non-diesel fueled. All on-site indoor forklifts shall be powered by electricity.

The analysis conservatively assumed all outdoor cargo-handling equipment would be natural gas-powered.

MM AQ-20

Prior to issuance of occupancy permits for the business park portion of the Project, the Project operator shall prepare and submit a Transportation Demand Management (TDM) program detailing strategies that would reduce the use of single occupant vehicles by employees by increasing the number of trips by walking, bicycle, carpool, vanpool and transit. The TDM shall include, but is not limited to the following:

- Provide a transportation information center and on-site TDM coordinator to educate employers, employees, and visitors of surrounding transportation options.
- Promote bicycling and walking through design features such as showers for employees, self-service bicycle repair area, etc. around the project site.
- Provide secure bicycle storage space equivalent to two percent of the automobile parking spaces provided.
- Provide on-site car share amenities for employees who make only occasional use of a vehicle, as well as others who would like occasional access to a vehicle of a different type than they use day-to-day.
- Promote and support carpool/vanpool/rideshare use through parking incentives and administrative support, such as ride-matching service.
- Incorporate incentives for using alternative travel modes, such as preferential load/unload areas or convenient designated parking spaces for carpool/vanpool users.
- Provide meal options on-site or shuttles between the facility and nearby meal destinations.
- Each building shall provide preferred parking for electric, low-emitting and fuel - efficient vehicles equivalent to at least eight percent of the required number of parking spaces.

MM AQ-20 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-21

Prior to tenant occupancy, the Project Applicant or successor in interest shall provide documentation to the City demonstrating that occupants/tenants of the Project site have been provided informational documentation regarding:

- Information regarding energy efficiency, energy-efficient lighting and lighting control systems, energy management, and existing energy incentive programs
- Information regarding and a recommendation to use electric or alternatively fueled sweepers with high efficiency particulate air (HEPA) filters.

MM AQ-21 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-22

The Project applicant or designee shall provide electric vehicle (EV) charging infrastructure that meets or exceeds 2022 California Green Building Standards Code Tier 2 standards to encourage use of EVs.*MM AQ-22 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.*

MM AQ-23

The Project applicant shall implement the following landscape maintenance equipment reduction measures:

- Prior to the issuance of building permits, the Project applicant or its designee shall provide evidence to the City of Calimesa that the design plans include electrical outlets on the exterior of the structure to facilitate use of electrical lawn and garden equipment.
- The applicant (or its designee) or Project's future Homeowners' Association shall educate future residents about the South Coast Air Quality Management District (SCAQMD) Electric Lawn Mower Rebate Program and the Commercial Electric Lawn and Garden Equipment Exchange Program. When conventional gasoline-powered yard equipment (e.g., lawn mowers, leaf blowers and vacuums, shredders, trimmers, and chain saw) are exchanged for electric and rechargeable battery-powered yard equipment, direct greenhouse gas (GHG) emissions from fossil-fuel combustion are displaced by indirect GHG emissions associated with the generation of electricity used to power the equipment.

The analysis conservatively did not take credit for the use of electric-powered landscape maintenance equipment.

MM AQ-24

Prior to tenant occupancy, the Project Applicant or successor(s) in interest shall provide documentation to the City demonstrating that occupants/tenants of the Project site have been provided documentation on funding opportunities, such as the Carl Moyer Program, that provide

incentives for using cleaner-than-required engines and equipment. In addition, the tenants shall be required to enroll in the United States Environmental Protection Agency's SmartWay program and be required to utilize carriers that are SmartWay carriers.

MM AQ-24 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-25

Update the Regional Growth Forecast. The applicant has informed the Southern California Association of Governments (SCAG) of the Project so that SCAG's next Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) (anticipated to be 2028) can appropriately reflect residential housing, population, and employment locations and forecasts in the City of Calimesa. The updated information provided to SCAG is anticipated to be used by the SCAQMD to update the Air Quality Management Plan (AQMP). The applicant shall prepare and submit a letter notifying SCAQMD of this revised forecast for use in the future updates to the AQMP as required.

MM AQ-25 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-26

All facility-owned and operated fleet equipment with a gross vehicle weight rating greater than 14,000 pounds accessing the site shall meet or exceed 2010 model year emissions equivalent engine standards as currently defined in California Code of Regulations Title 13, Division 3, Chapter 1, Article 4.5, Section 2025. Facility operators shall maintain records on-site demonstrating compliance with this requirement and shall make records available for inspection by the local jurisdiction, air district, and state upon request.*MM AQ-26 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.*

MM AQ-27

Prior to the occupancy of any on site development, the applicant or its designee shall provide evidence to the City of Calimesa that the applicant/phase developer has developed a Green Cleaning Product and Paint education program to be made available at rental and purchasing offices and/or on websites. The educational program shall include a flyer (hardcopy and/or digital) that includes, at a minimum, an explanation of what volatile organic compounds (VOCs) are, how VOCs affect persons, where to find low-VOC alternatives for cleaning supplies and paint, and additional resources for learning more.

MM AQ-27 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-28

Prior to the issuance of building permits, the applicant or its designee shall provide evidence to the City of Calimesa that for applicant (or its designee) and Homeowners' Association operated

spaces that provisions are in place to ensure only zero- or low-volatile organic compound (VOC) cleaning supplies and super compliant-VOC paints (less than 10 grams per liter VOC) are used during Project operation.

MM AQ-28 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-29

Within the industrial and business park portions of the Project site, all on-site outdoor cargo-handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, forklifts, and other on-site equipment) shall be electric or non-diesel fueled. All on-site indoor forklifts shall be powered by electricity.

MM AQ-29 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

MM AQ-30

Electric plug-ins shall be installed at the loading docks at cold storage facilities to allow for transport refrigeration unit standby electric plug-in.

MM AQ-30 is not quantifiable in CalEEMod and thus no credit was taken in the analysis for this mitigation measure.

These strategies would contribute to reducing heavy duty truck emissions associated with the proposed Project. The proposed Project would not conflict with these strategies. Trucks onsite are required to comply with CARB's Heavy-Duty (Tractor-Trailer) GHG Regulation, which requires SmartWay tractor trailers that include idle-reduction technologies, aerodynamic technologies, and low-rolling resistant tires that would reduce fuel consumption and associated emissions.

Despite the mitigation measures provided by Project and the anticipated regulations implemented by the EPA and CARB to improve truck efficiency, the estimated long-term emissions generated under full buildout of the proposed Project would exceed the SCAQMD's regional operational significance thresholds and would cumulatively contribute to the nonattainment designations in the SCAB. In addition, regarding VOC, it is important to note that the majority of on-site operational VOC emissions are derived from cleaning supplies, aerosols, and other consumer products. As such, the Project Applicant cannot meaningfully control the use of consumer products by future building users via mitigation. On this basis, it is concluded that Project operational-source VOC emissions cannot be definitively reduced below applicable SCAQMD thresholds and therefore are considered significant and unavoidable. Therefore, the proposed Project would result in a significant and unavoidable impact in this regard.

The summary list of mitigation measures above are all designed to reduce emissions attributable to the proposed Project. Although not quantifiable, some of these measures will result in a reduction of air quality emissions. Therefore, the operational emissions shown below is a conservative forecast of air quality emissions and the Project is likely to be less than the total

shown in Table 3-8 below. As shown, at buildout the Project will exceed the applicable SCAQMD thresholds for emissions of VOC, NO_X, CO, PM_{10}, and $PM_{2.5}$.

TABLE 3-8: SUMMARY OF PEAK OPERATIONAL EMISSIONS

Source	Emissions (lbs/day)					
	VOC	**NO_X**	**CO**	**SO_X**	**PM_{10}**	**$PM_{2.5}$**
Summer						
Mobile Source	154.45	154.45	1,072.83	4.15	379.59	99.56
Area Source	320.00	3.69	419.00	0.02	0.47	0.35
Stationary Source	2.95	8.26	7.53	0.01	0.43	0.43
TRU Source	5.25	16.90	13.40	0.03	0.77	0.77
Cargo Handling Equipment	1.88	6.00	263.12	0.00	0.47	0.43
Total Maximum Daily Emissions	**484.53**	**189.30**	**1,775.88**	**4.21**	**381.73**	**101.54**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**YES**	**YES**	**YES**	**NO**	**YES**	**YES**
Winter						
Mobile Source	149.57	213.02	938.50	3.97	379.60	99.56
Area Source	267.00	0.00	0.00	0.00	0.00	0.00
Stationary Source	5.25	16.90	13.40	0.03	0.77	0.77
TRU Source	47.78	40.92	6.02	0.00	0.32	0.29
Cargo Handling Equipment	1.88	6.00	263.12	0.00	0.47	0.43
Total Maximum Daily Emissions	**471.48**	**276.84**	**1,221.04**	**4.00**	**381.16**	**101.06**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**YES**	**YES**	**YES**	**NO**	**YES**	**YES**

3.6 COMPARISON TO CURRENTLY APPROVED PROJECT

3.6.1 CURRENTLY APPROVED PROJECT OPERATIONAL EMISSIONS

The estimated operation-source emissions for Project buildout conditions relative to the Currently Approved Project, consisting of 3,292 single family dwelling units, 358 multifamily dwelling units, 47.9 acres of active park, 8,000 square foot recreation community center on 8.2-acres, 2 elementary schools with 1,200 students, and 250,000 square feet of commercial retail use, are summarized in Table 3-9.

TABLE 3-9: CURRENTLY APPROVED PROJECT OPERATIONAL EMISSIONS

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Winter						
Total Maximum Daily Emissions	270.00	243.00	1,258.00	3.00	351.00	101.00
Summer						
Total Maximum Daily Emissions	270.00	243.00	1,258.00	3.00	351.00	101.00

Source: Mesa Verde Specific Plan Amendment EIR, October 2017

3.6.2 COMPARISON TO CURRENTLY APPROVED PROJECT OPERATIONAL EMISSIONS

As shown in Table 3-10, the proposed Project is anticipated to generate more emissions per day for VOCs, NOX (winter), CO (summer), SO_X, PM_{10}, and $PM_{2.5}$ as compared to emissions generated by the Currently Approved Project. However, the implementation of the proposed Project would result in a reduction in summer NO_X emissions and winter CO emissions as compared to emissions generated by the Currently Approved Project.

TABLE 3-10: OPERATIONAL EMISSIONS COMPARISON

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
Currently Approved Project	*270.00*	*243.00*	*1,258.00*	*3.00*	*351.00*	*101.00*
Proposed Project	484.53	189.30	1,775.88	4.21	381.73	101.54
Difference (Proposed –Approved)	**214.53**	**-53.70**	**517.88**	**1.21**	**30.73**	**0.54**
Winter						
Currently Approved Project	*270.00*	*243.00*	*1,258.00*	*3.00*	*351.00*	*101.00*
Proposed Project	471.48	276.84	1,221.04	4.00	381.16	101.06
Difference (Proposed –Approved)	**201.48**	**33.84**	**-36.96**	**1.00**	**30.16**	**0.06**

3.7 LOCALIZED AIR QUALITY IMPACTS

BACKGROUND ON LST DEVELOPMENT

The analysis makes use of methodology included in the SCAQMD *Final Localized Significance Threshold Methodology* (LST Methodology). The SCAQMD has established that localized impacts to air quality are significant if there is a potential to contribute or cause localized exceedances of the federal and/or state ambient air quality standards (NAAQS/CAAQS). Collectively, these are referred to as Localized Significance Thresholds (LSTs).

The SCAQMD established LSTs in response to the SCAQMD Governing Board's Environmental Justice Initiative I-4.[9] LSTs represent the maximum emissions from a project that would not cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standard at the nearest residence or sensitive receptor. The SCAQMD states that lead agencies can use the LSTs as another indicator of significance in its air quality impact analyses.

LSTs were developed in response to environmental justice and health concerns raised by the public regarding exposure of individuals to criteria pollutants in local communities. To address the issue of localized significance, the SCAQMD adopted LSTs that show whether a project would cause or contribute to localized air quality impacts and thereby cause or contribute to potential localized adverse health effects. The analysis makes use of methodology included in the *LST Methodology* (42).

EMISSIONS CONSIDERED

Based on SCAQMD's *LST Methodology*, emissions for concern during construction activities are on-site NO_X, CO, $PM_{2.5}$, and PM_{10}. The *LST Methodology* clearly states that "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs (43)." As such, for purposes of the construction LST analysis, only emissions included in the CalEEMod "on-site" emissions outputs were considered.

DISPERSION MODELING

In order to estimate localized pollutant concentrations resulting from Project construction, the SCAQMD-approved American Meteorological Society/EPA Regulatory Model (AERMOD) dispersion model was utilized. The modeling approach utilized is discussed as follows.

SOURCES

It should be noted that in order to model worst-case conditions, the highest daily peak on-site emissions resulting from overlapping construction activity were modeled.

A ground level release height and a 1 meter (approximately 3.28 feet) initial vertical dimension (sigma z) were utilized for fugitive dust emissions of PM_{10} and $PM_{2.5}$ consistent with SCAQMD's LST guidance.

In order to account for equipment exhaust emissions from NO_2, CO, PM_{10}, and $PM_{2.5}$ a release height of 5.0 meters was utilized consistent with SCAQMD's LST guidance.

METEOROLOGICAL DATA AND MODEL OPTIONS

In order to account for meteorological conditions at the Project site, meteorological data from the SCAQMD's Redlands monitoring station was utilized, as this is the nearest station to the

[9] The purpose of SCAQMD's Environmental Justice program is to ensure that everyone has the right to equal protection from air pollution and fair access to the decision-making process that works to improve the quality of air within their communities. Further, the SCAQMD defines Environmental Justice as "…equitable environmental policymaking and enforcement to protect the health of all residents, regardless of age, culture, ethnicity, gender, race, socioeconomic status, or geographic location, from the health effects of air pollution."

Project site for which meteorological data is available. Additionally, a receptor height of 2 meters and regulatory default options were utilized consistent with SCAQMD's LST guidance.

RECEPTORS

As previously stated, LSTs represent the maximum emissions from a project that would not cause or contribute to an exceedance of the most stringent applicable NAAQS and CAAQS at the nearest residence or sensitive receptor. Receptor locations are off-site locations where individuals may be exposed to emissions from Project activities.

Some people are especially sensitive to air pollution and are given special consideration when evaluating air quality impacts from projects. These groups of people include children, the elderly, and individuals with pre-existing respiratory or cardiovascular illness. Structures that house these persons or places where they gather are defined as "sensitive receptors". These structures typically include uses such as residences, hotels, and hospitals where an individual can remain for 24 hours. Consistent with the LST Methodology, the nearest land use to the Project site where an individual could remain for 24 hours has been used to determine construction and operational air quality impacts for emissions of PM_{10} and $PM_{2.5}$, since PM_{10} and $PM_{2.5}$ thresholds are based on a 24-hour averaging time.

Per the *LST Methodology*, commercial and industrial facilities are not included in the definition of sensitive receptor because employees and patrons do not typically remain onsite for a full 24 hours but are typically on-site for 8 hours or less. However, *LST Methodology* explicitly states that "*LSTs based on shorter averaging periods, such as the NO_2 and CO LSTs, could also be applied to receptors such as industrial or commercial facilities since it is reasonable to assume that a worker at these sites could be present for periods of one to eight hours* (43)." Therefore, any adjacent land use where an individual could remain for 1 or 8 hours, that is located at a closer distance to the Project site than the receptor used for PM_{10} and $PM_{2.5}$ analysis, must be considered to determine construction and operational LST air impacts for emissions of NO_2 and CO since these pollutants have an averaging time of 1 and 8 hours.

STUDY AREA RECEPTORS

Receptors in the Project study area are described below and shown on Exhibit 3-A. Localized air quality impacts were evaluated at sensitive receptor land uses nearest the Project site. All distances are measured from the Project site boundary to the outdoor living areas (e.g., backyards) or at the building façade, whichever is closer to the Project site.

R1: Location R1 represents the existing residence at 31900 Live Oak Canyon Road, approximately 89 feet north of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R1 is placed at the building façade.

R2: Location R2 represents the existing residence at 910 W Avenue L, approximately 51 feet north of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R2 is placed at the building façade.

R3: Location R3 represents the existing residence at 888 W Avenue L, approximately 43 feet north of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R3 is placed at the building façade.

R4: Location R4 represents the Mesa View Middle School at 800 Mustang Way, approximately 200 feet north of the Project site.

R5: Location R5 represents the South Mesa Mobile Home Park at 763 W Avenue L, approximately 45 feet northeast of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R5 is placed at the building façade.

R6: Location R6 represents the existing residence within the Las Palomas Estates at 1134 D Street, approximately 139 feet east of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R6 is placed at the building façade.

R7: Location R7 represents the existing residence within the Las Palomas Estates at 25 E Street, approximately 71 feet northwest of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R7 is placed at the building façade.

R8: Location R8 represents the existing residence within the Las Palomas Estates at 11 A Street, approximately 122 feet northwest of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R8 is placed at the building façade.

R9: Location R9 represents the existing residence at 8640 Calimesa Boulevard, approximately 604 feet east of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receptor R9 is placed at the building façade.

R10: Location R10 represents the potential worker receptor at the ARCO gas station at 1216 Calimesa Boulevard, approximately 647 feet east of the Project site.

ON1: Location ON1 represents the future residential land use located within Planning Area 21 located northwest of the Business Park.

ON2: Location ON2 represents the future residential land use located within Planning Area 19 located north of the Business Park.

ON3: Location ON3 represents the future residential land use located within Planning Area 15 located north of the Business Park.

ON4: Location ON4 represents the future residential land use located within Planning Area 12 located north of the Business Park.

ON5: Location ON5 represents the future residential land use located within Planning Area 11 located north of the Business Park.

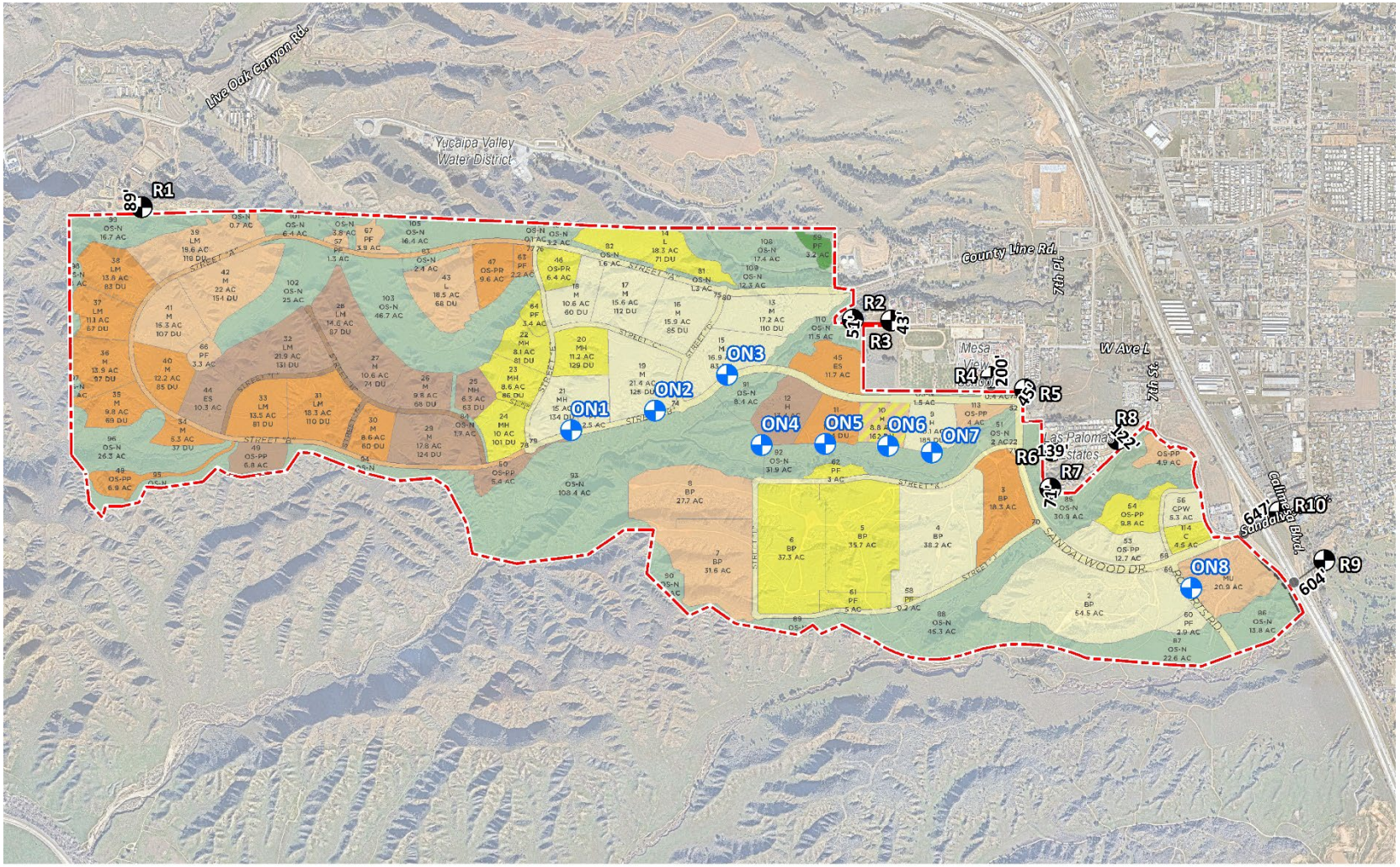
ON6: Location ON6 represents the future residential land use located within Planning Area 10 located north of the Business Park.

ON7: Location ON7 represents the future residential land use located within Planning Area 9 located northwest of the Business Park.

ON8: Location ON8 represents the future residential land use located within Planning Area 1 located east of the Business Park.

It should be noted that for clarity purposes, the receptors presented in Exhibit 3-A do not represent all modeled receptors. A total of 181 receptors extending up to three miles from the Project site were included in the modeling.

EXHIBIT 3-A: RECEPTOR LOCATIONS



LEGEND:

N

Site Boundary | Off-Site Receptor Locations | On-Site Receptor Locations | Distance from receptor to Project site boundary (in feet)

CONSTRUCTION-SOURCE LOCALIZED EMISSIONS

Emissions during the peak construction activity will not exceed the SCAQMD's localized significance thresholds at the maximally exposed receptor location, as illustrated in Tables 3-10 through 3-15 for Phases 1 through 5 of construction without mitigation and Tables 3-16 through 3-20 for Phases 1 through 5 with mitigation. All other modeled locations in the study area would experience a lesser concentration and consequently a lesser impact. As such, the Project's localized impacts during construction activity would be less than significant. Outputs from the model runs for construction LSTs are provided in Appendix 3.13.

TABLE 3-11: LOCALIZED SIGNIFICANCE SUMMARY PHASE 1 CONSTRUCTION (WITHOUT MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.02	0.00	1.19E-02	0.24	0.11
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.02**	**1.60**	**0.07**	**0.24**	**0.11**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-12: LOCALIZED SIGNIFICANCE SUMMARY PHASE 2 CONSTRUCTION (WITHOUT MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.01	0.00	7.63E-03	0.09	0.03
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.01**	**1.60**	**0.07**	**0.09**	**0.03**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-13: LOCALIZED SIGNIFICANCE SUMMARY PHASE 3 CONSTRUCTION (WITHOUT MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.01	0.00	4.35E-03	0.16	0.06
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.01**	**1.60**	**0.06**	**0.09**	**0.06**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-14: LOCALIZED SIGNIFICANCE SUMMARY PHASE 4 CONSTRUCTION (WITHOUT MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.01	0.00	5.04E-03	0.12	0.05
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.01**	**1.60**	**0.06**	**0.12**	**0.05**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-15: LOCALIZED SIGNIFICANCE SUMMARY PHASE 5 CONSTRUCTION (WITHOUT MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.01	0.00	2.70E-03	0.08	0.03
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.01**	**1.60**	**0.06**	**0.08**	**0.03**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-16: LOCALIZED SIGNIFICANCE SUMMARY PHASE 1 CONSTRUCTION (WITH MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.03	0.01	1.77E-03	0.18	0.06
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.03**	**1.61**	**0.06**	**0.18**	**0.06**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-17: LOCALIZED SIGNIFICANCE SUMMARY PHASE 2 CONSTRUCTION (WITH MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.02	0.00	1.47E-03	0.08	0.02
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.02**	**1.60**	**0.06**	**0.08**	**0.02**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-18: LOCALIZED SIGNIFICANCE SUMMARY PHASE 3 CONSTRUCTION (WITH MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.02	0.00	1.06E-03	0.15	0.11
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.02**	**1.60**	**0.06**	**0.15**	**0.11**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-19: LOCALIZED SIGNIFICANCE SUMMARY PHASE 4 CONSTRUCTION (WITH MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.02	0.01	1.47E-03	0.10	0.03
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.02**	**1.61**	**0.06**	**0.10**	**0.03**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-20: LOCALIZED SIGNIFICANCE SUMMARY PHASE 5 CONSTRUCTION (WITH MITIGATION)

Peak Construction	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.02	0.00	9.55E-04	0.07	0.02
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.02**	**1.60**	**0.06**	**0.07**	**0.02**
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

OPERATIONAL-SOURCE LOCALIZED EMISSIONS

The LST analysis generally includes on-site sources (area, energy, mobile, and on-site cargo handling equipment – are previously discussed in Section 3.5 of this report). However, it should be noted that the CalEEMod outputs do not separate on-site and off-site emissions from mobile sources. As such, to establish a maximum potential impact scenario for analytic purposes, the modeled emissions include all on-site Project-related stationary (area) sources and on-site Project-related mobile emissions. In order to account for on-site mobile emissions, a trip length of 0.5 mile was used for both trucks and passenger cars.

As shown in Tables 3-21 through 3-25 for Phases 1 through 5 below, emissions would not exceed SCAQMD's localized significance thresholds at the maximally exposed receptors as a result of operational activities.

TABLE 3-21: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 1

Peak Operation	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	2.08E-02	1.54E-02	2.73E-03	0.54	0.17
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.02**	**1.62**	**0.06**	**0.54**	**0.17**
SCAQMD Localized Significance Threshold	20	9	0.18	2.5	2.5
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-22: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 2

Peak Operation	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	3.24E-02	2.50E-02	2.87E-03	1.50	0.41
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.03**	**1.63**	**0.06**	**1.50**	**0.41**
SCAQMD Localized Significance Threshold	20	9	0.18	2.5	2.5
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-23: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 3

Peak Operation	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	4.09E-02	3.16E-02	3.02E-03	2.27	0.61
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.04**	**1.63**	**0.06**	**2.27**	**0.61**
SCAQMD Localized Significance Threshold	20	9	0.18	2.5	2.5
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-24: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 4

Peak Operation	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	4.41E-02	3.25E-02	3.06E-03	2.43	0.65
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.04**	**1.63**	**0.06**	**2.43**	**0.65**
SCAQMD Localized Significance Threshold	20	9	0.18	2.5	2.5
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

TABLE 3-25: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS – PHASE 5

Peak Operation	CO ppm		NO_2 ppm	PM_{10} µg/m³	$PM_{2.5}$ µg/m³
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	4.51E-02	3.16E-02	3.01E-03	2.45	0.65
Background Concentration [A]	2.0	1.6	0.059		
Total Concentration	**2.05**	**1.63**	**0.06**	**2.45**	**0.65**
SCAQMD Localized Significance Threshold	20	9	0.18	2.5	2.5
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.

3.8 CO "HOT SPOT" ANALYSIS

As discussed below, the Project would not result in potentially adverse CO concentrations or "hot spots." Further, detailed modeling of Project-specific CO "hot spots" is not needed to reach this conclusion. An adverse CO concentration, known as a "hot spot," would occur if an exceedance of the state one-hour standard of 20 ppm or the eight-hour standard of 9 ppm were to occur. It should be noted that the previously approved project, as analyzed in the previous EIR (39), resulted in less than significant impacts with regard to CO hotspots.

It has long been recognized that CO hotspots are caused by vehicular emissions, primarily when idling at congested intersections. In response, vehicle emissions standards have become increasingly stringent in the last twenty years. Currently, the allowable CO emissions standard in California is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of increasingly sophisticated and efficient emissions control technologies, CO concentration in the SCAB is now designated as attainment. To establish a more accurate record of baseline CO concentrations affecting the SCAB, a CO "hot spot" analysis was conducted in 2003 for four busy intersections in Los Angeles at the peak morning and afternoon time periods. This "hot spot" analysis did not predict any violation of CO standards, as shown in Table 3-21.

TABLE 3-21: CO MODEL RESULTS

Intersection Location	CO Concentrations (ppm)		
	Morning 1-hour	Afternoon 1-hour	8-hour
Wilshire Boulevard/Veteran Avenue	4.6	3.5	3.7
Sunset Boulevard/Highland Avenue	4	4.5	3.5
La Cienega Boulevard/Century Boulevard	3.7	3.1	5.2
Long Beach Boulevard/Imperial Highway	3	3.1	8.4

Source: 2003 AQMP, Appendix V: Modeling and Attainment Demonstrations
Notes: Federal 1-hour standard is 35 ppm and the deferral 8-hour standard is 9.0 ppm.

Based on the SCAQMD's 2003 AQMP and the 1992 Federal Attainment Plan for Carbon Monoxide (*1992 CO Plan*), peak carbon monoxide concentrations in the SCAB were a result of unusual meteorological and topographical conditions and not a result of traffic volumes and congestion at a particular intersection. As evidence of this, for example, 8.4 ppm 8-hr. CO concentration measured at the Long Beach Blvd. and Imperial Hwy. intersection (highest CO generating intersection within the "hot spot" analysis), only 0.7 ppm was attributable to the traffic volumes and congestion at this intersection; the remaining 7.7 ppm were due to the ambient air measurements at the time the 2003 AQMP was prepared (44). In contrast, an adverse CO concentration, known as a "hot spot," would occur if an exceedance of the state one-hour standard of 20 parts per million (ppm) or the eight-hour standard of 9 ppm were to occur.

The ambient 1-hr. and 8-hr. CO concentration within the Project study area is estimated to be 1.7 ppm and 1.4 ppm, respectively (data from Central San Bernardino Valley monitoring station for 2022). Therefore, even if the traffic volumes for the proposed Project were double or even triple of the traffic volumes generated at the Long Beach Blvd. and Imperial Hwy. intersection, coupled with the on-going improvements in ambient air quality, the Project would not be capable of resulting in a CO "hot spot" at any study area intersections.

Similar considerations are also employed by other Air Districts when evaluating potential CO concentration impacts. More specifically, the Bay Area Air Quality Management District (BAAQMD) concludes that under existing and future vehicle emission rates, a given project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour (vph)—or 24,000 vph where vertical and/or horizontal air does not mix—in order to generate a significant CO impact (45). Traffic volumes generating the CO concentrations for the "hot spot" analysis is shown in Table 3-22. The busiest intersection evaluated was that at Wilshire Boulevard and Veteran Avenue, which has a daily traffic volume of approximately 100,000 vph and AM/PM traffic volumes of 8,062 vph and 7,719 vph respectively (44). The *2003 AQMP* estimated that the 1-hour concentration for this intersection was 4.6 ppm; this indicates that, should the daily traffic volume increase four times to 400,000 vehicles per day, CO concentrations (4.6 ppm x 4= 18.4 ppm) would still not likely exceed the most stringent 1-hour CO standard (20.0 ppm)[10].

[10] Based on the ratio of the CO standard (20.0 ppm) and the modeled value (4.6 ppm)

TABLE 3-22: TRAFFIC VOLUMES

Intersection Location	Peak Traffic Volumes (vph)				
	Eastbound (AM/PM)	Westbound (AM/PM)	Southbound (AM/PM)	Northbound (AM/PM)	Total (AM/PM)
Wilshire Boulevard/Veteran Avenue	4,954/2,069	1,830/3,317	721/1,400	560/933	8,062/7,719
Sunset Boulevard/Highland Avenue	1,417/1,764	1,342/1,540	2,304/1,832	1,551/2,238	6,614/5,374
La Cienega Boulevard/Century Boulevard	2,540/2,243	1,890/2,728	1,384/2,029	821/1,674	6,634/8,674
Long Beach Boulevard/Imperial Highway	1,217/2,020	1,760/1,400	479/944	756/1,150	4,212/5,514

Source: 2003 AQMP

When considering maximum traffic volumes in the Project study area during Phase 1 operations, as summarized in Table 3-23 below, the intersection of Calimesa Bl. & Sandalwood Dr. would have the highest AM traffic volume of 3,151 and the intersection of I-10 NB Ramps & County Line Rd. would have the highest PM traffic volumes of 3,029 vph, respectively. During Phase 2 operations, the intersection of I-10 SB Ramps & Sandalwood Dr. would have the highest AM and PM traffic volumes of 3,870 vph and 3,794 vph. During Phase 3 operations, the intersection of I-10 SB Ramps & Sandalwood Dr. would have the highest AM and PM traffic volumes of 6,085 vph and 6,832 vph, respectively. During Phase 4 operations, the intersection of I-10 SB Ramps & Sandalwood Dr. would have the highest AM and PM traffic volumes of 6,934 vph and 7,649 vph, respectively. During Phase 5 operations, the intersection of I-10 SB Ramps & Sandalwood Dr. would have the highest AM and PM traffic volumes of 7,211 vph and 7,795 vph, respectively. The total traffic volumes at the intersections considered are less than the traffic volumes identified in the *2003 AQMP*. As such, the Project considered herein along with background and cumulative development would not produce the volume of traffic required to generate a CO "hot spot" either in the context of the 2003 Los Angeles hot spot study or based on representative BAAQMD CO threshold considerations. Therefore, CO "hot spots" are not an environmental impact of concern for the Project. Localized air quality impacts related to mobile-source emissions would therefore be less than significant.

TABLE 3-23: PEAK HOUR TRAFFIC VOLUMES

Intersection Location	Peak Traffic Volumes (vph)				
	Northbound (AM/PM)	Southbound (AM/PM)	Eastbound (AM/PM)	Westbound (AM/PM)	Total (AM/PM)
Phase 1 Operations					
I-10 SB Ramps & County Line Rd.	0/0	476/733	723/965	1162/1230	2360/2928
I-10 NB Ramps & County Line Rd.	409/692	0/0	876/1100	1637/1238	2922/3029
Calimesa Bl. & Sandalwood Dr.	1,620/896	558/654	562/693	412/246	3,151/2,490
I-10 SB Ramps & Singleton Rd.	0/0	0/0	1,005/1,230	1,268/1,443	2,274/2,673
Calimesa Bl. & Singleton Rd.	0/0	0/0	1,005/1,230	1,268/1,443	2,274/2,673

Intersection Location	Peak Traffic Volumes (vph)				
	Northbound (AM/PM)	Southbound (AM/PM)	Eastbound (AM/PM)	Westbound (AM/PM)	Total (AM/PM)
Phase 2 Operations					
I-10 NB Ramps & County Line Rd.	435/694	0/0	961/1,116	1356/1,247	2,753/3,056
7th St. & Sandalwood Dr.	0/0	97/16	1,217/1,879	2,217/1,162	3,531/3,057
I-10 SB Ramps & Sandalwood Dr.	0/0	1,109/877	1,217/1,879	1,543/1,038	3,870/3,794
Calimesa Bl. & Sandalwood Dr.	1,948/1,199	607/735	628/693	455/259	3,638/2,886
Calimesa Bl. & Singleton Rd.	0/0	0/0	1,134/1,378	1264/1507	2,399/2,886
Phase 3 Operations					
Roberts Rd. & Sandalwood Dr.	36/230	67/204	1,199/3062	3,294/2093	4,596/5589
7th St. & Sandalwood Dr.	0/0	109/19	1,764/3822	3,857/2,286	5,731/6,127
I-10 SB Ramps & Sandalwood Dr.	0/0	1,816/1,293	1,765/3,822	2,504/1,717	6,085/6,832
I-10 NB Ramps & Sandalwood Dr.	0/0	0/0	1,413/2,558	2,912/2,000	4,325/4,558
Calimesa Bl. & Sandalwood Dr.	2,715/1,696	779/914	737/951	507/289	4,737/3,850
Phase 4 Operations					
Sandalwood Dr. & Street M	3,155/1,988	1,207/1,729	280/1,482	0/0	4,642/5,199
Roberts Rd. & Sandalwood Dr.	36/230	66/203	1,524/3,513	3,753/2,454	5,379/6,400
7th St. & Sandalwood Dr.	0/0	118/20	2,130/4,294	4,320/2,647	6,568/6,961
I-10 SB Ramps & Sandalwood Dr.	0/0	1,993/1,425	2,130/4,294	2,811/1,929	6,934/7,649
Calimesa Bl. & Sandalwood Dr.	2,946/1,858	818/959	832/1,001	562/313	5,158/4,131
Phase 5 Operations					
Sandalwood Dr. & Street M	3,225/2,234	1,422/1,877	281/1,486	0/0	4,928/5,597
Roberts Rd. & Sandalwood Dr.	66/327	70/211	1737/3661	3795/2608	5668/6807
7th St. & Sandalwood Dr.	0/0	143/23	2,006/4,240	4,364/2,755	6,513/7,018
I-10 SB Ramps & Sandalwood Dr.	0/0	2,025/1,511	2,300/4,360	2,886/1,924	7,211/7,795
Calimesa Bl. & Sandalwood Dr.	3,015/1,877	810/955	900/951	624/338	5,349/4,121

Source: *Mesa Verde Specific Plan Traffic Analysis* (Urban Crossroads, Inc., 2024)

3.9 AQMP

The Project site is located within the SCAB, which is characterized by relatively poor air quality. The SCAQMD has jurisdiction over an approximately 10,743 square-mile area consisting of the four-county Basin and the Los Angeles County and Riverside County portions of what use to be referred to as the Southeast Desert Air Basin. In these areas, the SCAQMD is principally responsible for air pollution control, and works directly with the SCAG, county transportation commissions, local governments, as well as state and federal agencies to reduce emissions from stationary, mobile, and indirect sources to meet state and federal ambient air quality standards.

Currently, these state and federal air quality standards are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMPs to meet the state and federal ambient air quality standards. AQMPs are updated regularly in order to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy.

In December 2022, the SCAQMD released the *Final 2022 AQMP* (*2022 AQMP*). The *2022 AQMP* continues to evaluate current integrated strategies and control measures to meet the NAAQS, as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (20). Similar to the 2016 AQMP, the *2022 AQMP* incorporates scientific and technological information and planning assumptions, including the *2020-2045 RTP/SCS*, a planning document that supports the integration of land use and transportation to help the region meet the federal CAA requirements (21). The Project's consistency with the AQMP will be determined using the *2022 AQMP* as discussed below.

Criteria for determining consistency with the AQMP are defined in Chapter 12, Section 12.2 and Section 12.3 of the *1993 CEQA Handbook* (46). These indicators are discussed below:

3.9.1 CONSISTENCY CRITERION NO. 1

Potential to result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.

The violations that Consistency Criterion No. 1 refer to are the CAAQS and NAAQS. CAAQS and NAAQS violations would occur if regional or localized significance thresholds were exceeded.

Construction Impacts – Consistency Criterion 1

Consistency Criterion No. 1 refers to violations of the CAAQS and NAAQS. CAAQS and NAAQS violations would occur if LSTs or regional significance thresholds were exceeded. As evaluated, with mitigation, the Project's regional and localized construction-source emissions would not exceed applicable thresholds. As such, the Project would result in a less than significant impact.

Operational Impacts – Consistency Criterion 1

The Project's localized operational-source emissions would not exceed applicable LSTs. However, Project operational-source emissions would exceed applicable regional thresholds for emissions of VOC, NO_X, CO, PM_{10}, and $PM_{2.5}$. It should be noted that because the SCAB is in attainment for CO, the Project's regional CO emissions would not conflict with the AQMP despite exceeding the SCAQMD regional significance threshold; notwithstanding, and in order to provide a conservative analysis of the Project's potential impacts to air quality, the Project's emissions of CO are evaluated as a significant impact of the Project. Accordingly, Project operational-source VOC, NO_X, CO, PM_{10}, and $PM_{2.5}$ emissions exceedances would therefore increase the frequency or severity of existing air quality violations and would cause or contribute to new violations or delay

the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.

On the basis of the preceding discussion, the Project is determined to be inconsistent with the first criterion.

3.9.2 CONSISTENCY CRITERION NO. 2

Potential to exceed the assumptions in the AQMP based on the years of Project build-out phase.

The *2022 AQMP* demonstrates that the applicable ambient air quality standards can be achieved within the timeframes required under federal law. Growth projections from local general plans adopted by cities in the district are provided to the SCAG, which develops regional growth forecasts, which are then used to develop future air quality forecasts for the AQMP. Development consistent with the growth projections in City of Calimesa General Plan is considered to be consistent with the AQMP***.***

Construction Impacts – Consistency Criterion 2

Peak day emissions generated by construction activities are largely independent of land use assignments, but rather are a function of development scope and maximum area of disturbance. Irrespective of the site's land use designation, development of the site to its maximum potential would likely occur, with disturbance of the entire site occurring during construction activities. As such, when considering that no emissions thresholds will be exceeded, a less than significant impact would result.

Operational Impacts – Consistency Criterion 2

The City of Calimesa General Plan and the Calimesa Municipal Code are the prevailing planning documents that pertain to the Project Site. Under existing conditions, the City of Calimesa General Plan designates the Project Site as Commercial Community (CC), Residential Rural (RR), Residential Low (RL) and Quasi-Public (QP).

Per the 2017 EIR Addendum, the Project site was approved to allow for the development of the following:

- 3,650 residential units;
- 250,000 square feet of commercial space;
- 46.5 acres of mixed-use space;
- 519 acres of open space;
- 56.2 acres of public parks and private recreation facilities;
- 23.1 miles of trails; and
- 87.5 acres of roads; and two school sites.

The Project proposes to make the following changes in land uses when compared to the 2017 Specific Plan:

- 3,650 residential units on a decrease of 260.9 acres;
- Reduce mixed-use by 25.6 acres; decreased school acreage by 3.4 acres; increase roads by 11.6 acres;

- Introduce 243.1 acres of new business park/industrial land use;
- Introduce 4.5 acres of new commercial land use;
- Introduce 5.3 acres of new public works facilities/fire station land use;
- Increase the water tank site by 0.2-acre and introduce two lift station lots totaling 1.5 acres.
- Increase open space acreage by 6.8 acres,
- Increase public parks by 2.5 acres and
- Increase private recreation by 7.9 acres.

The proposed Project would result in the creation of approximately 12,187 temporary construction jobs and 8,508 permanent jobs at buildout. These permanent jobs would primarily be associated with the business park/industrial and commercial land uses. While it is foreseeable that there could be an increase in population as people relocate for employment purposes, it is foreseeable that future employees would also use the housing built at the Project site due to proximity to employment. While these considerations support that the Project's residential growth is within SCAG's 2020-2045 RTP/SCS growth projections for the City, but not the majority of the Project's employment growth, the Project includes a General Plan Amendment that would result in additional land uses than allowed for under the current General Plan land use designations at the Project site.

The proposed Project's increase in employment at the site would create a denser land use pattern in the area and thus may conflict with the regional growth projections assumed in the 2022 AQMP. Additionally, the Project applicant has notified SCAG of the proposed Project so that the next RTP/SCS (anticipated in 2028) can appropriately reflect residential housing, population, and employment locations and forecasts in the City of Calimesa. This updated information provided to SCAG is anticipated to be utilized by SCAQMD to update projections in the next AQMP. Further, as required under MM AQ-23, the Project applicant will prepare and submit a letter notifying SCAQMD of this revised forecast for use in future updates to the AQMP as required. However, because the Project has the potential to conflict with the regional growth projections assumed in the 2022 AQMP, the Project is determined to be inconsistent with the second criteria.

AQMP CONSISTENCY CONCLUSION

The Project has the potential to result in or cause NAAQS or CAAQS violations. Operational-source emissions would exceed the applicable SCAQMD regional thresholds for emissions of VOCs, NO_X, CO, PM_{10}, and $PM_{2.5}$. As such, the Project is considered to have the potential to conflict with the AQMP and a significant and unavoidable impact would occur with respect to this threshold.

It should be noted that the previously approved project, as evaluated in the previous EIR (39), resulted in less than significant impacts with regards to AQMP consistency.

3.10 POTENTIAL IMPACTS TO SENSITIVE RECEPTORS

The potential impact of Project-generated air pollutant emissions at sensitive receptors has also been considered. Results of the LST analysis indicate that the Project would not exceed the

SCAQMD localized significance thresholds during construction. Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations during Project construction.

Additionally, the Project would not exceed the SCAQMD localized significance thresholds during operational activity. Further Project traffic would not create or result in a CO "hotspot." Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations as the result of Project operations.

3.10.1 FRIANT RANCH CASE

In December 2018, in the case of *Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502, the California Supreme Court held that an Environmental Impact Report's (EIR) air quality analysis must meaningfully connect the identified air quality impacts to the human health consequences of those impacts, or meaningfully explain why that analysis cannot be provided.

Most local agencies, including the City of Calimesa, lack the data to do their own assessment of potential health impacts from criteria air pollutant emissions, as would be required to establish customized, locally-specific thresholds of significance based on potential health impacts from an individual development project. The use of national or "generic" data to fill the gap of missing local data would not yield accurate results because such data does not capture local air patterns, local background conditions, or local population characteristics, all of which play a role in how a population experiences air pollution. Because it is impracticable to accurately isolate the exact cause of a human disease (for example, the role a particular air pollutant plays compared to the role of other allergens and genetics in causing asthma), existing scientific tools cannot accurately estimate health impacts of the Project's air emissions without undue speculation. Instead, readers are directed to the Project's air quality impact analysis above, which provides extensive information concerning the quantifiable and non-quantifiable health risks related to the Project's construction and long-term operation.

Notwithstanding, this AQIA does evaluate the proposed Project's localized impact to air quality for emissions of CO, NO_X, PM_{10}, and $PM_{2.5}$ by comparing the proposed Project's on-site emissions to the SCAQMD's applicable LST thresholds. The LST analysis above determined that the Project would not result in emissions exceeding SCAQMD's LSTs. Therefore, the proposed Project would not be expected to exceed the most stringent applicable federal or state ambient air quality standards for emissions of CO, NO_X, PM_{10}, and $PM_{2.5}$.

As the Project's emissions would comply with federal, state, and local air quality standards, the proposed Project's emissions are not sufficiently high enough to use a regional modeling program to correlate health effects on a basin-wide level and would not provide a reliable indicator of health effects if modeled.

3.11 ODORS

The potential for the Project to generate objectionable odors has also been considered. Land uses generally associated with odor complaints include:

- Agricultural uses (livestock and farming)

- Wastewater treatment plants
- Food processing plants
- Chemical plants
- Composting operations
- Refineries
- Landfills
- Dairies
- Fiberglass molding facilities

The Project does not contain land uses typically associated with emitting objectionable odors. Potential odor sources associated with the proposed Project may result from construction equipment exhaust and the application of asphalt and architectural coatings during construction activities and the temporary storage of typical solid waste (refuse) associated with the proposed Project's (long-term operational) uses. Standard construction requirements would minimize odor impacts from construction. The construction odor emissions would be temporary, short-term, and intermittent in nature and would cease upon completion of the respective phase of construction and is thus considered less than significant. It is expected that Project-generated refuse would be stored in covered containers and removed at regular intervals in compliance with current solid waste regulations. The proposed Project would also be required to comply with SCAQMD Rule 402 to prevent occurrences of public nuisances. Therefore, odors and other emissions (such as those leading to odors) associated with construction and operations activities of the proposed Project would be less than significant and no mitigation is required (47).

3.12 CUMULATIVE IMPACTS

As previously shown in Table 2-3, the CAAQS designate the Project site as nonattainment for O_3 PM_{10}, and $PM_{2.5}$ while the NAAQS designates the Project site as nonattainment for O_3 and $PM_{2.5}$.

The SCAQMD has published a report on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (48). In this report the SCAQMD clearly states (Page D-3):

> *"Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant."*

Therefore, this analysis assumes that individual projects that do not generate operational or construction emissions that exceed the SCAQMD's recommended daily thresholds for project-specific impacts would also not cause a cumulatively considerable increase in emissions for those pollutants for which SCAB is in nonattainment, and, therefore, would not be considered to have a significant, adverse air quality impact. Conversely, project-level construction and operational

emissions that exceed SCAQMD thresholds would be considered cumulatively considerable. SCAQMD's thresholds of significance for project-specific direct and cumulatively-considerable impacts have clearly been successful, as application of these thresholds has led to significant air quality improvements throughout the SCAB.

CONSTRUCTION-SOURCE EMISSION IMPACTS

With implementation of MM AQ-1 through MM AQ-11, Project-level construction-source emissions would not exceed SCAQMD significance thresholds. As such, per SCAQMD protocols, construction-source emissions would not be considered cumulatively significant.

OPERATIONAL-SOURCE EMISSION IMPACTS

As substantiated in this analysis, Project-level operational-source VOC, NO_X, CO, PM_{10}, and $PM_{2.5}$ emissions impacts would be significant and unavoidable. Per SCAQMD protocols, Project operational-source VOC, NO_X, CO, PM_{10}, and $PM_{2.5}$ emissions impacts would also be cumulatively significant.

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5 CERTIFICATIONS

The contents of this air study report represent an accurate depiction of the environmental impacts associated with the proposed Mesa Verde Specific Plan. The information contained in this air quality impact assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at hqureshi@urbanxroads.com

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Master of Science in Environmental Studies
California State University, Fullerton • May 2010

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AEP – Association of Environmental Professionals
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Planned Communities and Urban Infill – Urban Land Institute • June 2011
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APPENDIX 2.1:

STATE/FEDERAL ATTAINMENT STATUS OF CRITERIA POLLUTANTS

Appendix C
Maps and Tables of Area Designations for State and National Ambient Air Quality Standards

Appendix C
Maps and Tables of Area Designations for State and National Ambient Air Quality Standards

This attachment fulfills the requirement of Health and Safety Code section 40718 for CARB to publish maps that identify areas where one or more violations of any State ambient air quality standard (State standard) or national ambient air quality standard (national standard) have been measured. The national standards are those promulgated under section 109 of the federal Clean Air Act (42 U.S.C. 7409).

This attachment is divided into three parts. The first part comprises a table showing the levels, averaging times, and measurement methods for each of the State and national standards. This is followed by a section containing maps and tables showing the area designations for each pollutant for which there is a State standard in the California Code of Regulations, title 17, section 70200. The last section contains maps and tables showing the most current area designations for the national standards.

(Updated 5/4/16)

Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards [1]		National Standards [2]		
		Concentration [3]	Method [4]	Primary [3,5]	Secondary [3,6]	Method [7]
Ozone (O_3)[8]	1 Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m³)		0.070 ppm (137 µg/m³)		
Respirable Particulate Matter (PM10)[9]	24 Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		—		
Fine Particulate Matter (PM2.5)[9]	24 Hour	—	—	35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	12.0 µg/m³	15 µg/m³	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m³)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m³)		9 ppm (10 mg/m³)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m³)		—	—	
Nitrogen Dioxide (NO_2)[10]	1 Hour	0.18 ppm (339 µg/m³)	Gas Phase Chemiluminescence	100 ppb (188 µg/m³)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)		0.053 ppm (100 µg/m³)	Same as Primary Standard	
Sulfur Dioxide (SO_2)[11]	1 Hour	0.25 ppm (655 µg/m³)	Ultraviolet Fluorescence	75 ppb (196 µg/m³)	—	Ultraviolet Flourescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m³)	
	24 Hour	0.04 ppm (105 µg/m³)		0.14 ppm (for certain areas)[11]	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas)[11]	—	
Lead[12,13]	30 Day Average	1.5 µg/m³	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m³ (for certain areas)[12]	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m³		
Visibility Reducing Particles[14]	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	**No National Standards**		
Sulfates	24 Hour	25 µg/m³	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m³)	Ultraviolet Fluorescence			
Vinyl Chloride[12]	24 Hour	0.01 ppm (26 µg/m³)	Gas Chromatography			

See footnotes on next page …

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1- and 24-hour), nitrogen dioxide, and particulate matter (PM10, PM2.5, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 $\mu g/m^3$ is equal to or less than one. For PM2.5, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.

3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

4. Any equivalent measurement method which can be shown to the satisfaction of the CARB to give equivalent results at or near the level of the air quality standard may be used.

5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.

6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

7. Reference method as described by the U.S. EPA. An “equivalent method” of measurement may be used but must have a “consistent relationship to the reference method” and must be approved by the U.S. EPA.

8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.

9. On December 14, 2012, the national annual PM2.5 primary standard was lowered from 15 $\mu g/m^3$ to 12.0 $\mu g/m^3$. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standard of 15 $\mu g/m^3$. The existing 24-hour PM10 standards (primary and secondary) of 150 $\mu g/m^3$ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

11. On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

    Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

12. The CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 $\mu g/m^3$)as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

14. In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

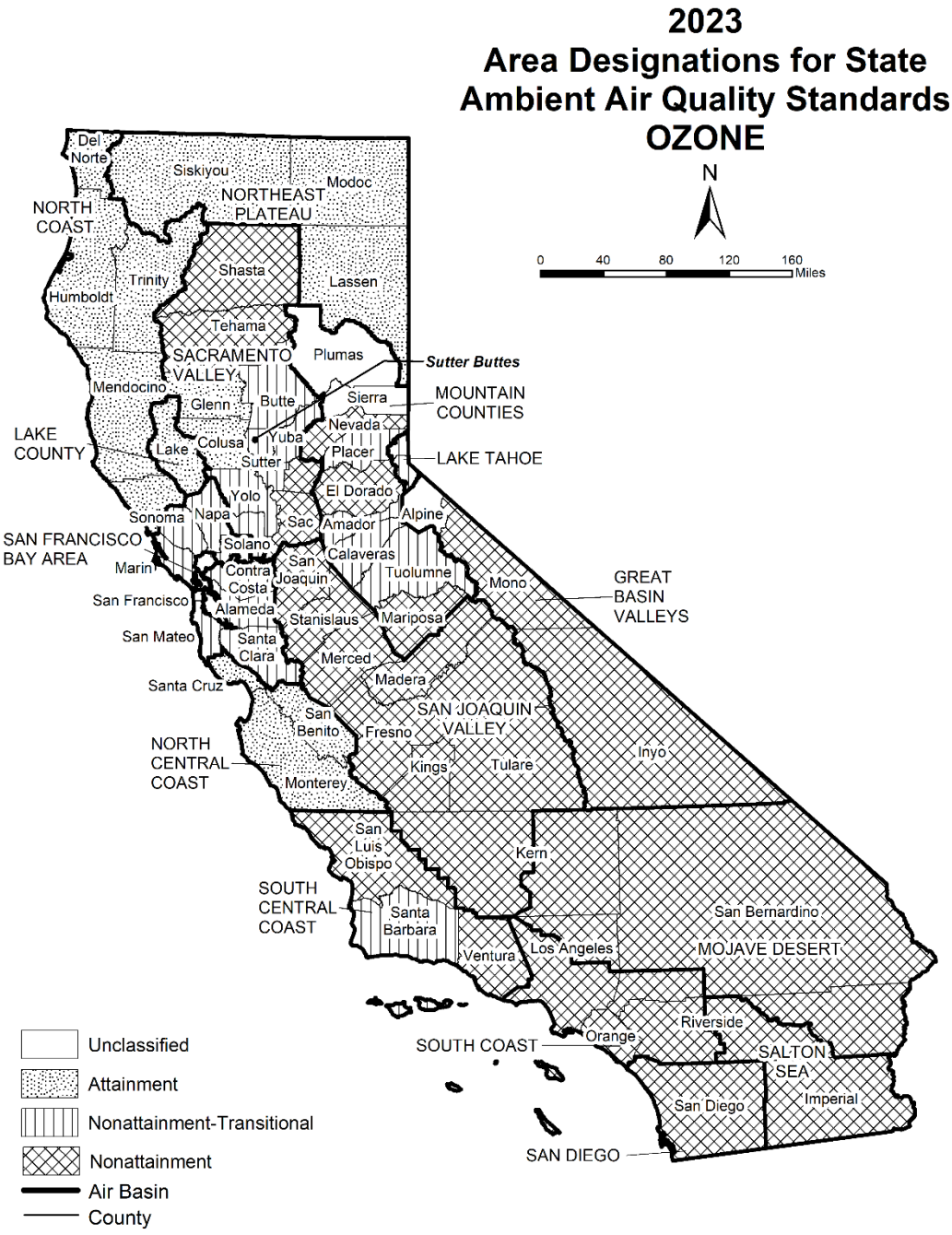
Area Designations for the State Ambient Air Quality Standards

The following maps and tables show the area designations for each pollutant with a State standard set forth in the California Code of Regulations, title 17, section 60200. Each area is identified as attainment, nonattainment, nonattainment-transitional, or unclassified for each pollutant, as shown below:

Designation	Abbreviation
Attainment	A
Nonattainment	N
Nonattainment-Transitional	NA-T
Unclassified	U

In general, CARB designates areas by air basin for pollutants with a regional impact and by county for pollutants with a more local impact. However, when there are areas within an air basin or county with distinctly different air quality deriving from sources and conditions not affecting the entire air basin or county, CARB may designate a smaller area. Generally, when boundaries of the designated area differ from the air basin or county boundaries, the description of the specific area is referenced at the bottom of the summary table.

Figure 1



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

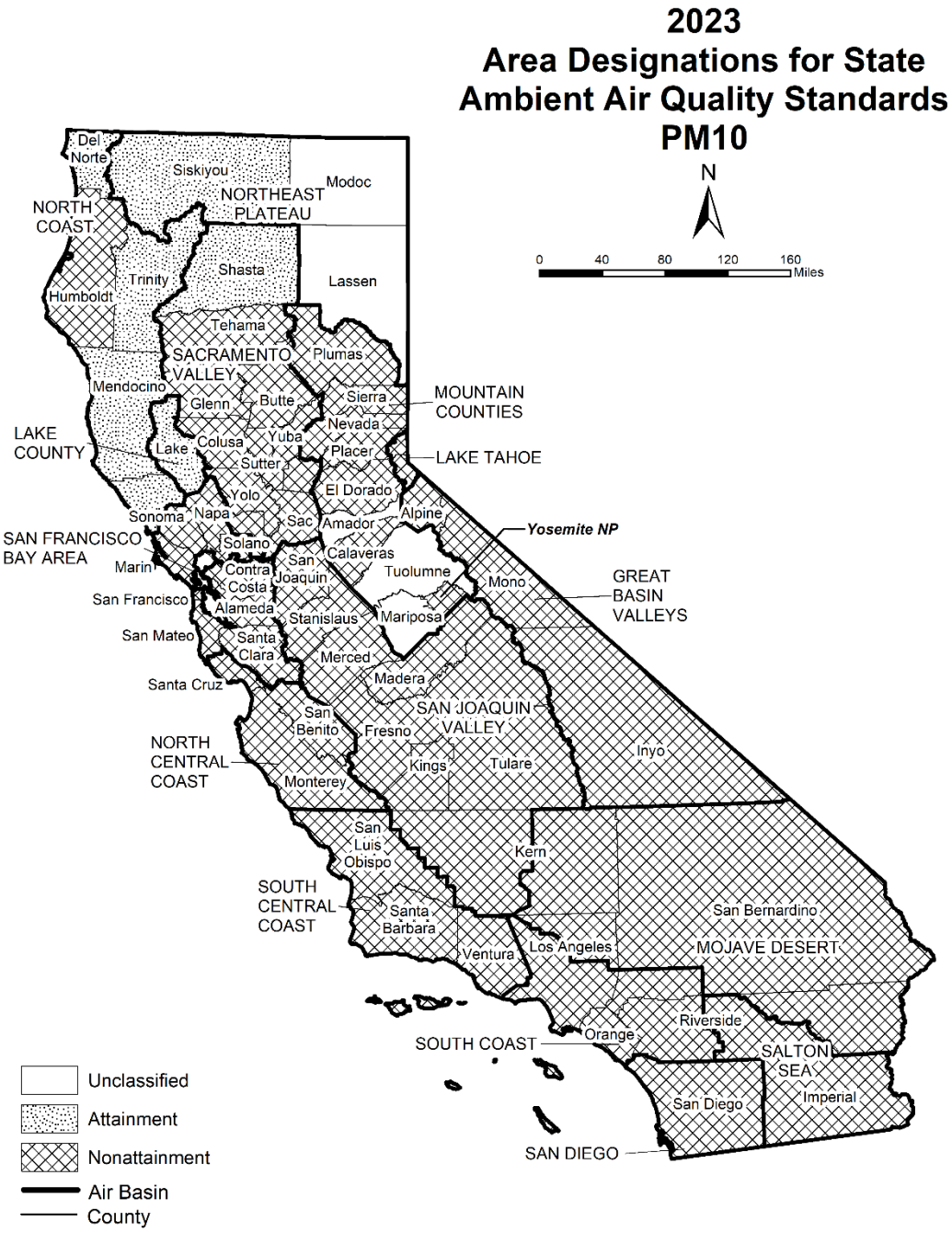
Table 1
California Ambient Air Quality Standards Area Designations for Ozone[1]

Area	N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN				
Alpine County			U	
Inyo County	N			
Mono County	N			
LAKE COUNTY AIR BASIN				A
LAKE TAHOE AIR BASIN		NA-T		
MOJAVE DESERT AIR BASIN	N			
MOUNTAIN COUNTIES AIR BASIN				
Amador County		NA-T		
Calaveras County		NA-T		
El Dorado County (portion)	N			
Mariposa County	N			
Nevada County	N			
Placer County (portion)		NA-T		
Plumas County			U	
Sierra County			U	
Tuolumne County		NA-T		
NORTH CENTRAL COAST AIR BASIN				A
NORTH COAST AIR BASIN				A
NORTHEAST PLATEAU AIR BASIN				A

Area	N	NA-T	U	A
SACRAMENTO VALLEY AIR BASIN				
Butte County		NA-T		
Colusa and Glenn Counties				A
Shasta County	N			
Sutter/Yuba Counties				
Sutter Buttes		NA-T		
Remainder of Sutter County		NA-T		
Yuba County		NA-T		
Yolo/Solano Counties		NA-T		
Remainder of Air Basin	N			
SALTON SEA AIR BASIN	N			
SAN DIEGO AIR BASIN	N			
SAN FRANCISCO BAY AREA AIR BASIN		NA-T		
SAN JOAQUIN VALLEY AIR BASIN	N			
SOUTH CENTRAL COAST AIR BASIN				
San Luis Obispo County	N			
Santa Barbara County		NA-T		
Ventura County	N			
SOUTH COAST AIR BASIN	N			

[1] AB 3048 (Olberg) and AB 2525 (Miller) signed into law in 1996, made changes to Health and Safety Code, section 40925.5. One of the changes allows nonattainment districts to become nonattainment-transitional for ozone by operation of law.

Figure 2



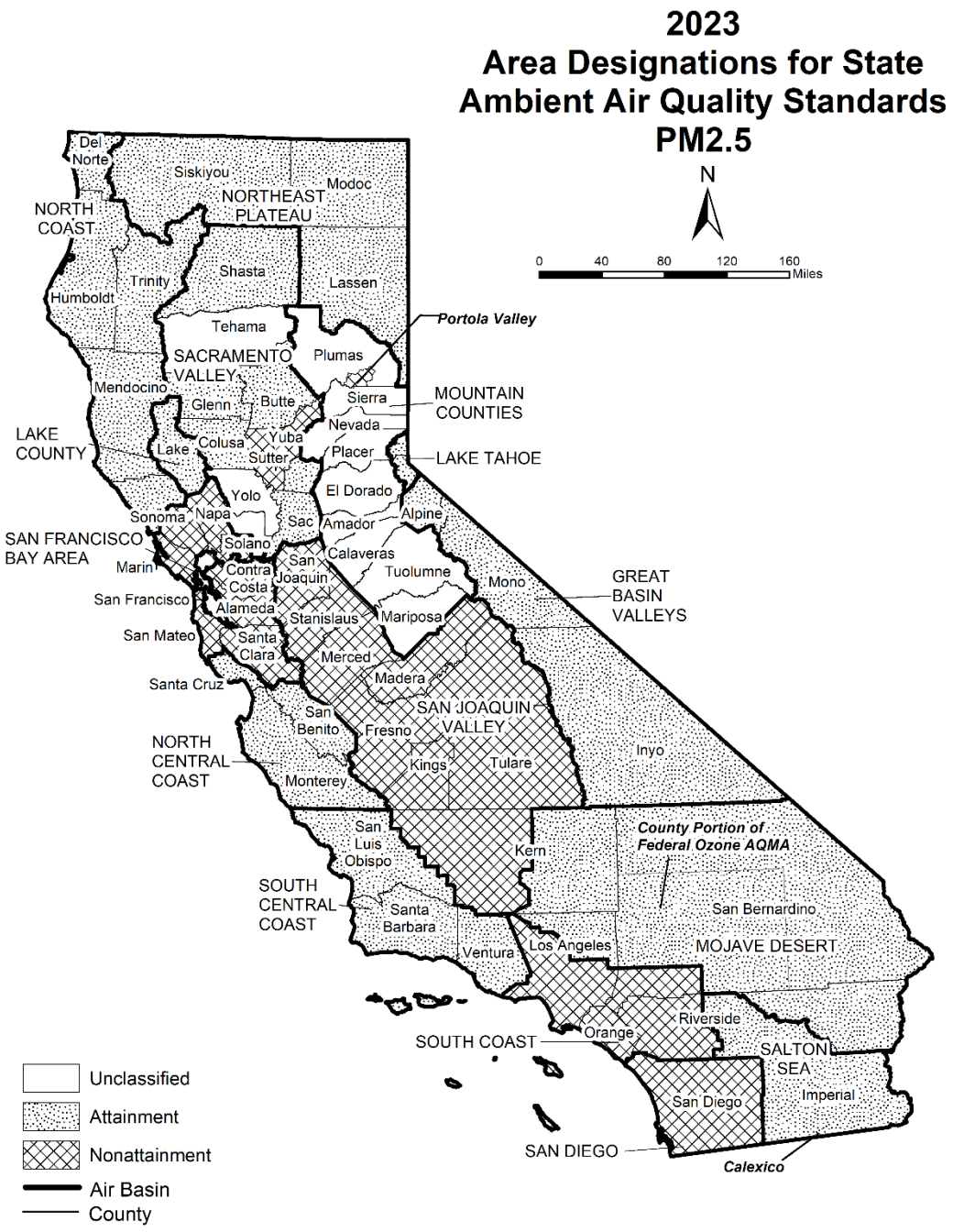
Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 2
California Ambient Air Quality Standards Area Designations for Suspended Particulate Matter (PM_{10})

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN	N		
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN	N		
MOJAVE DESERT AIR BASIN	N		
MOUNTAIN COUNTIES AIR BASIN			
Amador County		U	
Calaveras County	N		
El Dorado County (portion)	N		
Mariposa County			
- Yosemite National Park	N		
- Remainder of County		U	
Nevada County	N		
Placer County (portion)	N		
Plumas County	N		
Sierra County	N		
Tuolumne County		U	

Area	N	U	A
NORTH CENTRAL COAST AIR BASIN	N		
NORTH COAST AIR BASIN			
Del Norte, Mendocino, Sonoma (portion) and Trinity Counties			A
Remainder of Air Basin	N		
NORTHEAST PLATEAU AIR BASIN			
Siskiyou County			A
Remainder of Air Basin		U	
SACRAMENTO VALLEY AIR BASIN			
Shasta County			A
Remainder of Air Basin	N		
SALTON SEA AIR BASIN	N		
SAN DIEGO AIR BASIN	N		
SAN FRANCISCO BAY AREA AIR BASIN	N		
SAN JOAQUIN VALLEY AIR BASIN	N		
SOUTH CENTRAL COAST AIR BASIN	N		
SOUTH COAST AIR BASIN	N		

Figure 3



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 3
California Ambient Air Quality Standards Area Designations for Fine Particulate Matter ($PM_{2.5}$)

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			A
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN			A
MOJAVE DESERT AIR BASIN			A
MOUNTAIN COUNTIES AIR BASIN			
Plumas County			
- Portola Valley[1]	N		
- Remainder Plumas County		U	
Remainder of Air Basin		U	
NORTH CENTRAL COAST AIR BASIN			A
NORTH COAST AIR BASIN			A
NORTHEAST PLATEAU AIR BASIN			A
SACRAMENTO VALLEY AIR BASIN			
Butte County			A
Colusa County			A
Glenn County			A
Placer County (portion)			A
Sacramento County			A
Shasta County			A
Sutter and Yuba Counties	N		
Remainder of Air Basin		U	

Area	N	U	A
SALTON SEA AIR BASIN			
Imperial County			
- City of Calexico[2]	N		
Remainder of Air Basin			A
SAN DIEGO AIR BASIN	N		
SAN FRANCISCO BAY AREA AIR BASIN	N		
SAN JOAQUIN VALLEY AIR BASIN	N		
SOUTH CENTRAL COAST AIR BASIN			A
SOUTH COAST AIR BASIN	N		

[1] California Code of Regulations, title 17, section 60200(c)

[2] California Code of Regulations, title 17, section 60200(a)

Figure 4

Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 4
California Ambient Air Quality Standards Area Designations for Carbon Monoxide*

Area	N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN				
Alpine County			U	
Inyo County				A
Mono County				A
LAKE COUNTY AIR BASIN				A
LAKE TAHOE AIR BASIN				A
MOJAVE DESERT AIR BASIN				
Kern County (portion)			U	
Los Angeles County (portion)				A
Riverside County (portion)			U	
San Bernardino County (portion)				A
MOUNTAIN COUNTIES AIR BASIN				
Amador County			U	
Calaveras County			U	
El Dorado County (portion)			U	
Mariposa County			U	
Nevada County			U	
Placer County (portion)			U	
Plumas County				A
Sierra County			U	
Tuolumne County				A
NORTH CENTRAL COAST AIR BASIN				
Monterey County				A
San Benito County			U	
Santa Cruz County			U	
NORTH COAST AIR BASIN				
Del Norte County			U	
Humboldt County				A
Mendocino County				A
Sonoma County (portion)			U	
Trinity County			U	
NORTHEAST PLATEAU AIR BASIN			U	

Area	N	NA-T	U	A
SACRAMENTO VALLEY AIR BASIN				
Butte County				A
Colusa County			U	
Glenn County			U	
Placer County (portion)				A
Sacramento County				A
Shasta County			U	
Solano County (portion)				A
Sutter County				A
Tehama County			U	
Yolo County				A
Yuba County			U	
SALTON SEA AIR BASIN				A
SAN DIEGO AIR BASIN				A
SAN FRANCISCO BAY AREA AIR BASIN				A
SAN JOAQUIN VALLEY AIR BASIN				
Fresno County				A
Kern County (portion)				A
Kings County			U	
Madera County			U	
Merced County			U	
San Joaquin County				A
Stanislaus County				A
Tulare County				A
SOUTH CENTRAL COAST AIR BASIN				A
SOUTH COAST AIR BASIN				A

* The area designated for carbon monoxide is a county or portion of a county

Figure 5

Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 5
California Ambient Air Quality Standards Area Designations for Nitrogen Dioxide

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			A
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN			A
MOJAVE DESERT AIR BASIN			A
MOUNTAIN COUNTIES AIR BASIN			A
NORTH CENTRAL COAST AIR BASIN			A
NORTH COAST AIR BASIN			A
NORTHEAST PLATEAU AIR BASIN			A
SACRAMENTO VALLEY AIR BASIN			A
SALTON SEA AIR BASIN			A
SAN DIEGO AIR BASIN			A
SAN FRANCISCO BAY AREA AIR BASIN			A
SAN JOAQUIN VALLEY AIR BASIN			A
SOUTH CENTRAL COAST AIR BASIN			A
SOUTH COAST AIR BASIN			
CA 60 Near-road Portion of San Bernardino, Riverside, and Los Angeles Counties			A
Remainder of Air Basin			A

Figure 6

Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 6
California Ambient Air Quality Standards Area Designations for Sulfur Dioxide*

Area	N	A
GREAT BASIN VALLEYS AIR BASIN		A
LAKE COUNTY AIR BASIN		A
LAKE TAHOE AIR BASIN		A
MOJAVE DESERT AIR BASIN		A
MOUNTAIN COUNTIES AIR BASIN		A
NORTH CENTRAL COAST AIR BASIN		A
NORTH COAST AIR BASIN		A
NORTHEAST PLATEAU AIR BASIN		A

Area	N	A
SACRAMENTO VALLEY AIR BASIN		A
SALTON SEA AIR BASIN		A
SAN DIEGO AIR BASIN		A
SAN FRANCISCO BAY AREA AIR BASIN		A
SAN JOAQUIN VALLEY AIR BASIN		A
SOUTH CENTRAL COAST AIR BASIN		A
SOUTH COAST AIR BASIN		A

* The area designated for sulfur dioxide is a county or portion of a county. Since all areas in the State are in attainment for this standard, air basins are indicated here for simplicity.

Figure 7

2023
Area Designations for State
Ambient Air Quality Standards
SULFATES
N
0 40 80 120 160
Miles
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
NORTH COAST
Trinity
Shasta
Lassen
Humboldt
Tehama
SACRAMENTO VALLEY
Plumas
Mendocino
Glenn
Butte
Sierra
MOUNTAIN COUNTIES
Nevada
LAKE COUNTY
Colusa
Yuba
Lake
Placer
LAKE TAHOE
Sutter
Yolo
El Dorado
Sonoma
Napa
Sac
Amador
Alpine
SAN FRANCISCO BAY AREA
Solano
Calaveras
Marin
Contra Costa
San Joaquin
Tuolumne
Mono
GREAT BASIN VALLEYS
San Francisco
Alameda
Stanislaus
Mariposa
San Mateo
Santa Clara
Merced
Madera
Santa Cruz
SAN JOAQUIN VALLEY
San Benito
Fresno
Inyo
NORTH CENTRAL COAST
Kings
Tulare
Monterey
San Luis Obispo
Kern
SOUTH CENTRAL COAST
Santa Barbara
San Bernardino
Ventura
Los Angeles
MOJAVE DESERT
Riverside
Orange
SOUTH COAST
SALTON SEA
San Diego
Imperial
SAN DIEGO
Attainment
Air Basin
County
Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 7
California Ambient Air Quality Standards Area Designations for Sulfates

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			A
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN			A
MOJAVE DESERT AIR BASIN			A
MOUNTAIN COUNTIES AIR BASIN			A
NORTH CENTRAL COAST AIR BASIN			A
NORTH COAST AIR BASIN			A
NORTHEAST PLATEAU AIR BASIN			A

Area	N	U	A
SACRAMENTO VALLEY AIR BASIN			A
SALTON SEA AIR BASIN			A
SAN DIEGO AIR BASIN			A
SAN FRANCISCO BAY AREA AIR BASIN			A
SAN JOAQUIN VALLEY AIR BASIN			A
SOUTH CENTRAL COAST AIR BASIN			A
SOUTH COAST AIR BASIN			A

Figure 8

Last Updated: November 2023
Air Quality Planning and Science Division, CARB

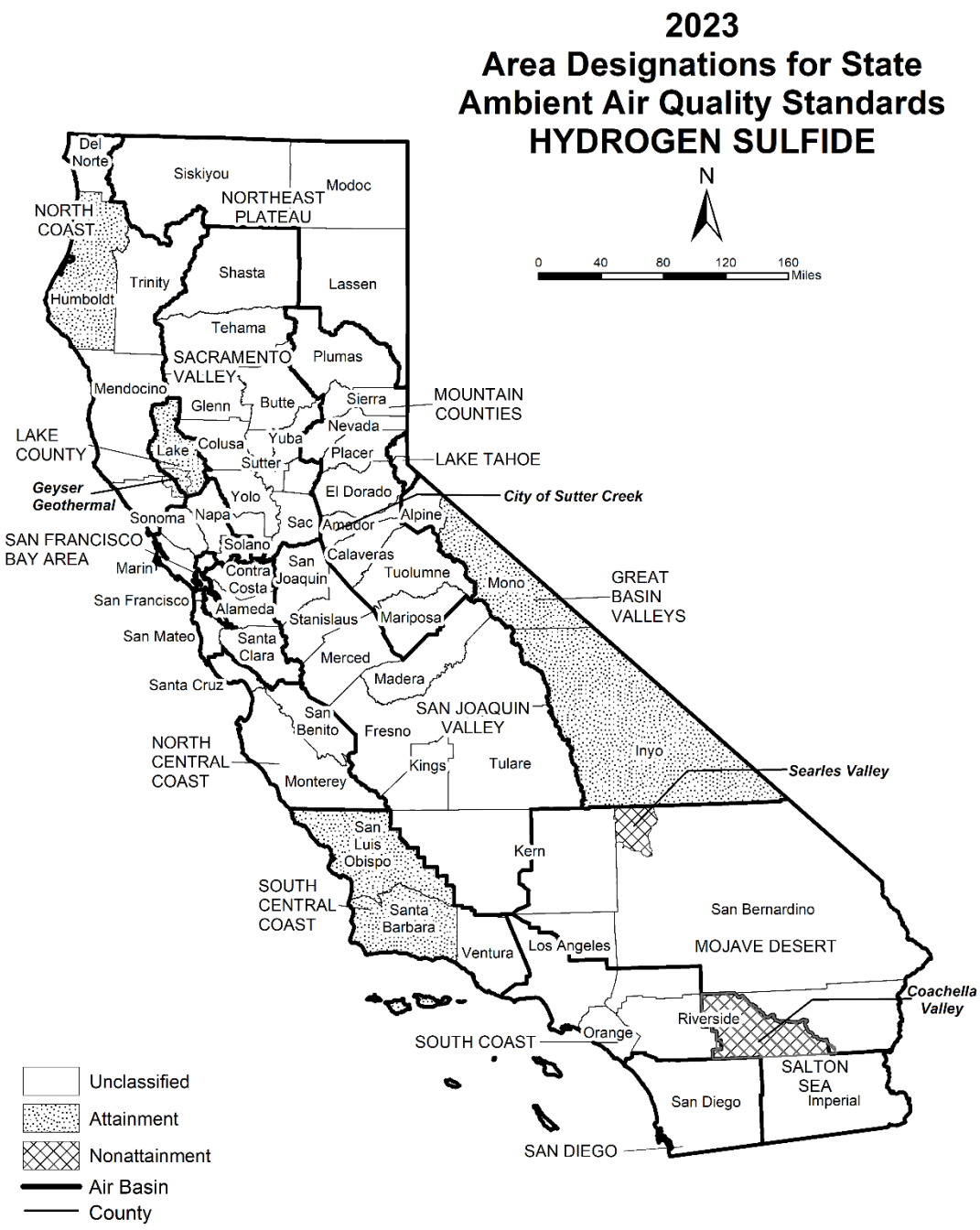
Table 8
California Ambient Air Quality Standards Area Designations for Lead (particulate)*

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			A
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN			A
MOJAVE DESERT AIR BASIN			A
MOUNTAIN COUNTIES AIR BASIN			A
NORTH CENTRAL COAST AIR BASIN			A
NORTH COAST AIR BASIN			A
NORTHEAST PLATEAU AIR BASIN			A
SACRAMENTO VALLEY AIR BASIN			A

Area	N	U	A
SALTON SEA AIR BASIN			A
SAN DIEGO AIR BASIN			A
SAN FRANCISCO BAY AREA AIR BASIN			A
SAN JOAQUIN VALLEY AIR BASIN			A
SOUTH CENTRAL COAST AIR BASIN			A
SOUTH COAST AIR BASIN			A

* The area designated for lead is a county or portion of a county. Since all areas in the State are in attainment for this standard, air basins are indicated here for simplicity.

Figure 9



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 9
California Ambient Air Quality Standards Area Designations for Hydrogen Sulfide*

Area	N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN				
Alpine County			U	
Inyo County				A
Mono County				A
LAKE COUNTY AIR BASIN				A
LAKE TAHOE AIR BASIN			U	
MOJAVE DESERT AIR BASIN				
Kern County (portion)			U	
Los Angeles County (portion)			U	
Riverside County (portion)			U	
San Bernardino County (portion)				
- Searles Valley Planning Area[1]	N			
- Remainder of County			U	
MOUNTAIN COUNTIES AIR BASIN				
Amador County				
- City of Sutter Creek	N			
- Remainder of County			U	
Calaveras County			U	
El Dorado County (portion)			U	
Mariposa County			U	
Nevada County			U	
Placer County (portion)			U	
Plumas County			U	
Sierra County			U	
Tuolumne County			U	

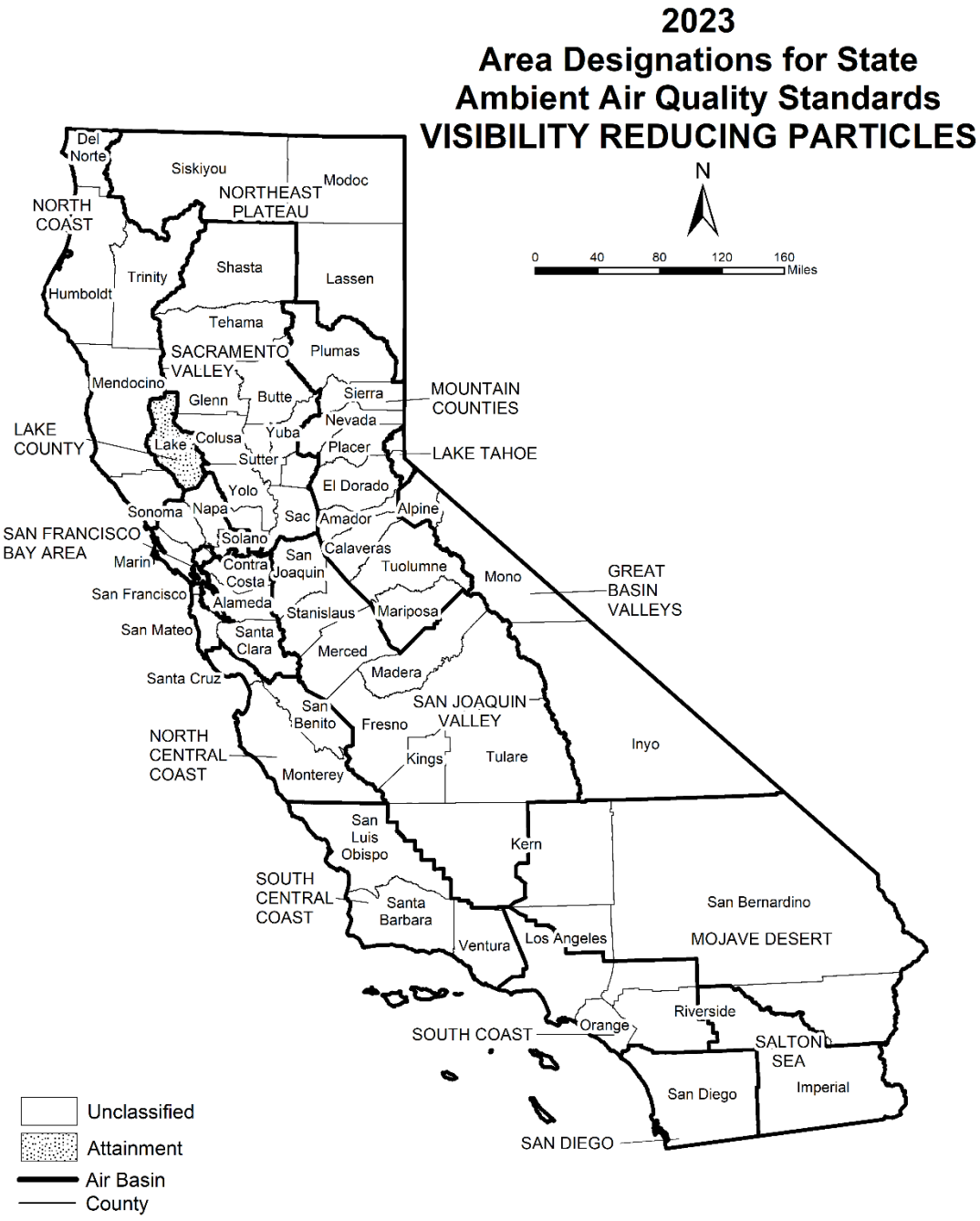
Area	N	NA-T	U	A
NORTH CENTRAL COAST AIR BASIN			U	
NORTH COAST AIR BASIN				
Del Norte County			U	
Humboldt County				A
Mendocino County			U	
Sonoma County (portion)				
- Geyser Geothermal Area[2]				A
- Remainder of County			U	
Trinity County			U	
NORTHEAST PLATEAU AIR BASIN			U	
SACRAMENTO VALLEY AIR BASIN			U	
SALTON SEA AIR BASIN				
Riverside County (portion)	N			
Imperial County			U	
SAN DIEGO AIR BASIN			U	
SAN FRANCISCO BAY AREA AIR BASIN			U	
SAN JOAQUIN VALLEY AIR BASIN			U	
SOUTH CENTRAL COAST AIR BASIN				
San Luis Obispo County				A
Santa Barbara County				A
Ventura County			U	
SOUTH COAST AIR BASIN			U	

* The area designated for hydrogen sulfide is a county or portion of a county

[1] 52 Federal Register 29384 (August 7, 1987)

[2] California Code of Regulations, title 17, section 60200(d)

Figure 10



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 10
California Ambient Air Quality Standards Area Designations for Visibility Reducing Particles

Area	N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN			U	
LAKE COUNTY AIR BASIN				A
LAKE TAHOE AIR BASIN			U	
MOJAVE DESERT AIR BASIN			U	
MOUNTAIN COUNTIES AIR BASIN			U	
NORTH CENTRAL COAST AIR BASIN			U	
NORTH COAST AIR BASIN			U	
NORTHEAST PLATEAU AIR BASIN			U	

Area	N	NA-T	U	A
SACRAMENTO VALLEY AIR BASIN			U	
SALTON SEA AIR BASIN			U	
SAN DIEGO AIR BASIN			U	
SAN FRANCISCO BAY AREA AIR BASIN			U	
SAN JOAQUIN VALLEY AIR BASIN			U	
SOUTH CENTRAL COAST AIR BASIN			U	
SOUTH COAST AIR BASIN			U	

Area Designations for the National Ambient Air Quality Standards

The following maps and tables show the area designations for each pollutant with a national ambient air quality standard. Additional information about the federal area designations is available on the U.S. EPA website:

https://www.epa.gov/green-book

Over the last several years, U.S. EPA has been reviewing the levels of the various national standards. The agency has already promulgated new standard levels for some pollutants and is considering revising the levels for others. Information about the status of these reviews is available on the U.S. EPA website:

https://www.epa.gov/criteria-air-pollutants

Designation Categories

Suspended Particulate Matter (PM_{10}). The U.S. EPA uses three categories to designate areas with respect to PM_{10}:

- Attainment (A)
- Nonattainment (N)
- Unclassifiable (U)

Ozone, Fine Suspended Particulate Matter ($PM_{2.5}$), Carbon Monoxide (CO), and Nitrogen Dioxide (NO_2). The U.S. EPA uses two categories to designate areas with respect to these standards:

- Nonattainment (N)
- Unclassifiable/Attainment (U/A)

The national 1-hour ozone standard was revoked effective June 15, 2005, and the area designations map reflects the 2015 national 8-hour ozone standard of 0.070 ppm. Area designations were finalized on August 3, 2018.

On December 14, 2012, the U.S. EPA established a new national annual primary $PM_{2.5}$ standard of 12.0 µg/m^3. Area designations were finalized in December 2014. The current designation map reflects the most recently revised (2012) annual average standard of 12.0 µg/m^3 as well as the 24-hour standard of 35 µg/m^3, revised in 2006.

On January 22, 2010, the U.S. EPA established a new national 1-hour NO_2 standard of 100 parts per billion (ppb) and retained the annual average standard of 53 ppb. Designations for the primary NO_2 standard became effective on February 29, 2012. All areas of California meet this standard.

Sulfur Dioxide (SO_2). The U.S. EPA uses three categories to designate areas with respect to the 24-hour and annual average sulfur dioxide standards. These designation categories are:

- Nonattainment (N),
- Unclassifiable (U), and
- Unclassifiable/Attainment (U/A).

On June 2, 2010, the U.S. EPA established a new primary 1-hour SO_2 standard of 75 parts per billion (ppb). At the same time, U.S. EPA revoked the 24-hour and annual average standards. Area designations for the 1-hour SO_2 standard were finalized on December 21, 2017 and are reflected in the area designations map.

Lead (particulate). The U.S. EPA promulgated a new rolling 3-month average lead standard in October 2008 of 0.15 µg/m^3. Designations were made for this standard in November 2010.

Designation Areas

From time to time, the boundaries of the California air basins have been changed to facilitate the planning process. CARB generally initiates these changes, and they are not always reflected in the U.S. EPA's area designations. For purposes of consistency, the maps in this attachment reflect area designation boundaries and nomenclature as promulgated by the U.S. EPA. In some cases, these may not be the same as those adopted by CARB. For example, the national area designations reflect the former Southeast Desert Air Basin. In accordance with Health and Safety Code section 39606.1, CARB redefined this area in 1996 to be the Mojave Desert Air Basin and Salton Sea Air Basin. The definitions and boundaries for all areas designated for the national standards can be found in Title 40, Code of Federal Regulations (CFR), Chapter I, Subchapter C, Part 81.305. They are available on the web at: *https://ecfr.io/Title-40/se40.20.81_1305*

Figure 11

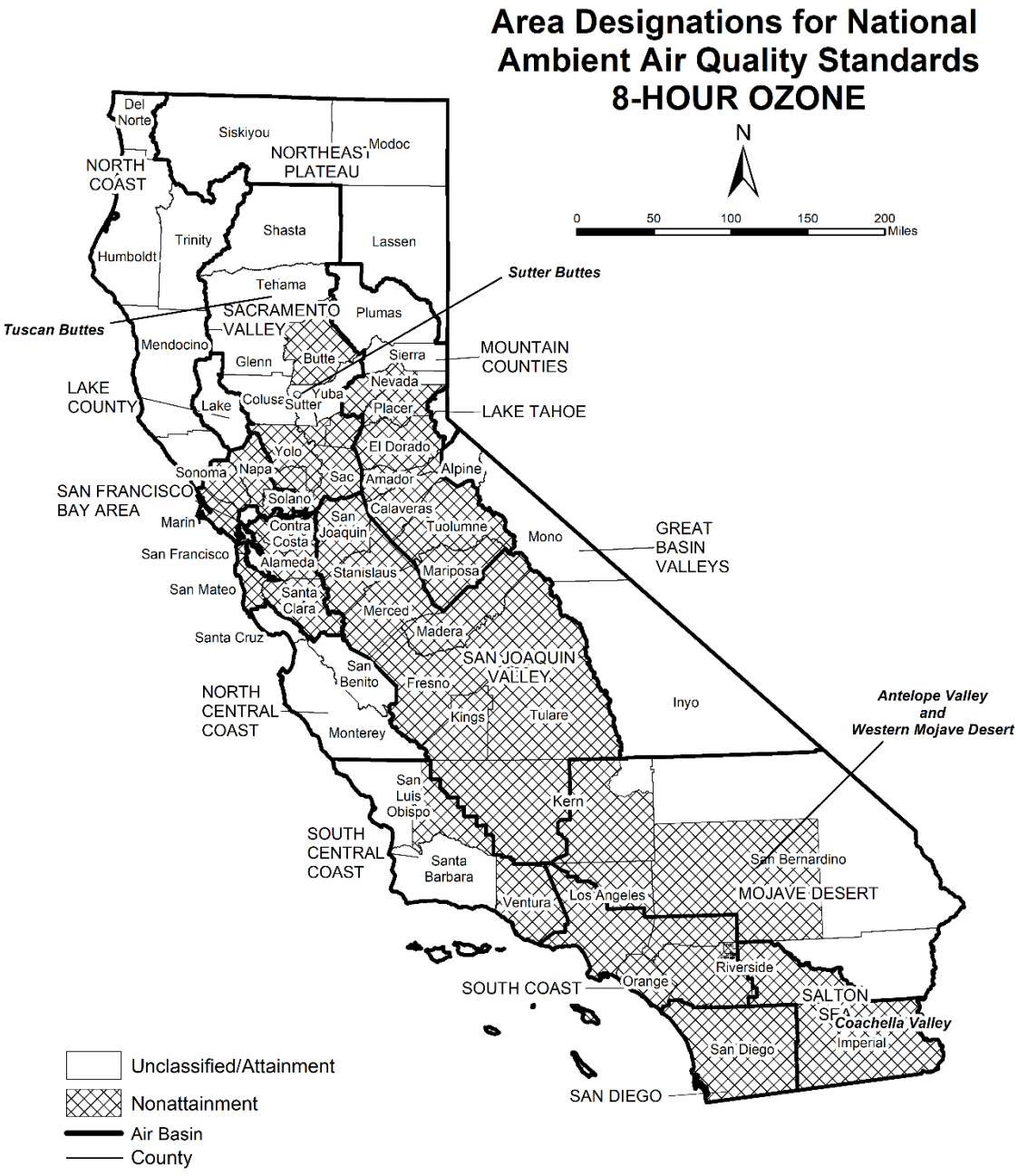

Area Designations for National Ambient Air Quality Standards
8-HOUR OZONE
N
0 50 100 150 200 Miles
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
NORTH COAST
Trinity
Shasta
Lassen
Humboldt
Tehama
Sutter Buttes
Tuscan Buttes
SACRAMENTO VALLEY
Plumas
Mendocino
Glenn
Butte
Sierra
MOUNTAIN COUNTIES
Nevada
LAKE COUNTY
Lake
Colusa
Yuba
Sutter
Placer
LAKE TAHOE
Yolo
El Dorado
Sonoma
Napa
Sac
Amador
Alpine
SAN FRANCISCO BAY AREA
Solano
Calaveras
Marin
Contra Costa
San Joaquin
Tuolumne
Mono
GREAT BASIN VALLEYS
San Francisco
Alameda
Stanislaus
Mariposa
San Mateo
Santa Clara
Merced
Madera
Santa Cruz
SAN JOAQUIN VALLEY
San Benito
Fresno
NORTH CENTRAL COAST
Kings
Tulare
Inyo
Antelope Valley and Western Mojave Desert
Monterey
San Luis Obispo
Kern
SOUTH CENTRAL COAST
Santa Barbara
San Bernardino
Ventura
Los Angeles
MOJAVE DESERT
Riverside
SOUTH COAST
Orange
SALTON SEA
Coachella Valley
Imperial
San Diego
SAN DIEGO
Unclassified/Attainment
Nonattainment
Air Basin
County
Last Updated: November 2023
Map reflects the 2015 8-hour ozone standard of 0.070 ppm
Air Quality Planning and Science Division, CARB

Table 11
National Ambient Air Quality Standards Area Designations for 8-Hour Ozone*

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		
Amador County	N	
Calaveras County	N	
El Dorado County (portion)[1]	N	
Mariposa County	N	
Nevada County		
- Western Nevada County	N	
- Remainder of County		U/A
Placer County (portion)[1]	N	
Plumas County		U/A
Sierra County		U/A
Tuolumne County	N	
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A
SACRAMENTO VALLEY AIR BASIN		
Butte County	N	
Colusa County		U/A
Glenn County		U/A
Sacramento Metro Area[1]	N	
Shasta County		U/A
Sutter County		
- Sutter Buttes	N	
- Southern portion of Sutter County[1]	N	
- Remainder of Sutter County		U/A
Tehama County		
- Tuscan Buttes	N	
- Remainder of Tehama County		U/A

Area	N	U/A
SACRAMENTO VALLEY AIR BASIN (cont.)		
Yolo County[1]	N	
Yuba County		U/A
SAN DIEGO COUNTY	N	
SAN FRANCISCO BAY AREA AIR BASIN	N	
SAN JOAQUIN VALLEY AIR BASIN	N	
SOUTH CENTRAL COAST AIR BASIN[2]		
San Luis Obispo County		
- Eastern San Luis Obispo County	N	
- Remainder of County		U/A
Santa Barbara County		U/A
Ventura County		
- Area excluding Anacapa and San Nicolas Islands	N	
- Channel Islands[2]		U/A
SOUTH COAST AIR BASIN[2]	N	
SOUTHEAST DESERT AIR BASIN		
Kern County (portion)	N	
- Indian Wells Valley		U/A
Imperial County	N	
Los Angeles County (portion)	N	
Riverside County (portion)		
- Coachella Valley	N	
- Non-AQMA portion		U/A
San Bernardino County		
- Western portion (AQMA)	N	
- Eastern portion (non-AQMA)		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.
NOTE: This map and Table reflect the 2015 8-hour ozone standard of 0.070 ppm.

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[1] For this purpose, the Sacramento Metro Area comprises all of Sacramento and Yolo Counties, the Sacramento Valley Air Basin portion of Solano County, the southern portion of Sutter County, and the Sacramento Valley and Mountain Counties Air Basins portions of Placer and El Dorado counties.

[2] South Central Coast Air Basin Channel Islands:
Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.
Ventura County includes Anacapa and San Nicolas Islands.
South Coast Air Basin:
Los Angeles County includes San Clemente and Santa Catalina Islands.

Figure 12

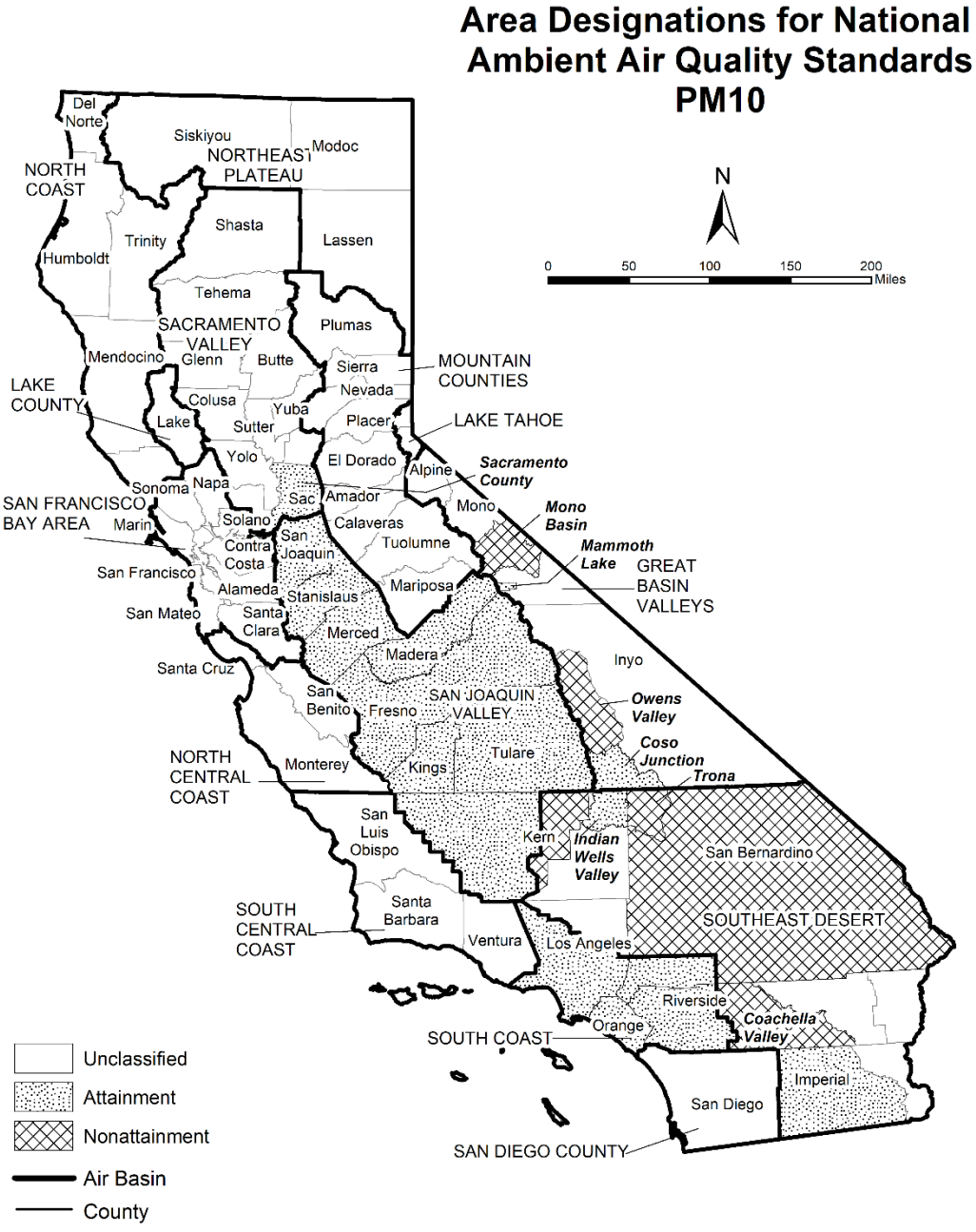

Area Designations for National Ambient Air Quality Standards PM10
N
0 50 100 150 200 Miles
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
NORTH COAST
Shasta
Trinity
Lassen
Humboldt
Tehema
SACRAMENTO VALLEY
Plumas
Mendocino
Glenn
Butte
Sierra
MOUNTAIN COUNTIES
Nevada
LAKE COUNTY
Colusa
Yuba
Lake
Sutter
Placer
LAKE TAHOE
Yolo
El Dorado
Alpine
Sacramento County
Sonoma
Napa
Sac
Amador
Mono
Mono Basin
SAN FRANCISCO BAY AREA
Marin
Solano
Calaveras
Contra Costa
San Joaquin
Tuolumne
Mammoth Lake
GREAT BASIN VALLEYS
San Francisco
Alameda
Stanislaus
Mariposa
San Mateo
Santa Clara
Merced
Madera
Inyo
Santa Cruz
San Benito
Fresno
SAN JOAQUIN VALLEY
Owens Valley
Coso Junction
Trona
NORTH CENTRAL COAST
Monterey
Kings
Tulare
San Luis Obispo
Kern
Indian Wells Valley
San Bernardino
SOUTH CENTRAL COAST
Santa Barbara
Ventura
Los Angeles
SOUTHEAST DESERT
Riverside
Coachella Valley
Orange
SOUTH COAST
Imperial
San Diego
SAN DIEGO COUNTY
Unclassified
Attainment
Nonattainment
Air Basin
County
Last Updated: November 2023
Air Quality Planning and Science Division

Table 12
National Ambient Air Quality Standards Area Designations for Suspended Particulate Matter (PM_{10})*

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			
Alpine County		U	
Inyo County			
- Owens Valley Planning Area	N		
- Coso Junction			A
- Remainder of County		U	
Mono County			
- Mammoth Lake Planning Area			A
- Mono Lake Basin	N		
- Remainder of County		U	
LAKE COUNTY AIR BASIN		U	
LAKE TAHOE AIR BASIN		U	
MOUNTAIN COUNTIES AIR BASIN		U	
NORTH CENTRAL COAST AIR BASIN		U	
NORTH COAST AIR BASIN		U	
NORTHEAST PLATEAU AIR BASIN		U	
SACRAMENTO VALLEY AIR BASIN			
Sacramento County[1]			A
Remainder of Air Basin		U	
SAN DIEGO COUNTY		U	

Area	N	U	A
SAN FRANCISCO BAY AREA AIR BASIN		U	
SAN JOAQUIN VALLEY AIR BASIN			A
SOUTH CENTRAL COAST AIR BASIN		U	
SOUTH COAST AIR BASIN			A
SOUTHEAST DESERT AIR BASIN			
Eastern Kern County			
- Indian Wells Valley			A
- Portion within San Joaquin Valley Planning Area	N		
- Remainder of County		U	
Imperial County			
- Imperial Valley Planning Area[2]			A
- Remainder of County		U	
Los Angeles County (portion)		U	
Riverside County (portion)			
- Coachella Valley	N		
- Non-AQMA portion		U	
San Bernardino County			
- Trona	N		
- Remainder of County	N		

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

[1] Air quality in Sacramento County meets the national PM_{10} standards. The request for redesignation to attainment was approved by U.S. EPA in September 2013.

[2] The request for redesignation to attainment for the Imperial Valley Planning Area was approved by U.S. EPA in September 2020, effective October 2020.

Figure 13

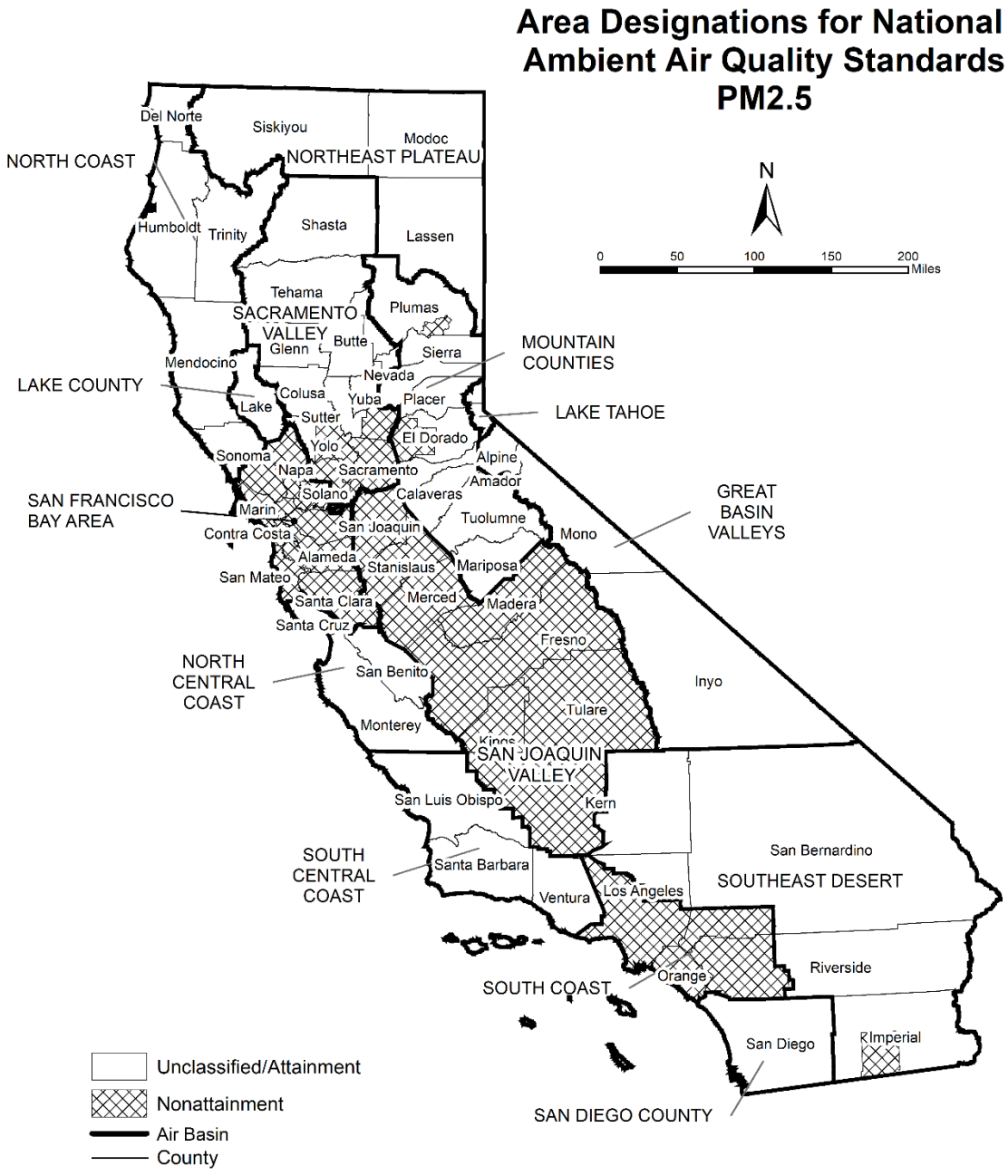

Area Designations for National Ambient Air Quality Standards PM2.5
N
0 50 100 150 200 Miles
NORTH COAST
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
Humboldt
Trinity
Shasta
Lassen
Tehama
SACRAMENTO VALLEY
Plumas
Glenn
Butte
Sierra
MOUNTAIN COUNTIES
Mendocino
Nevada
LAKE COUNTY
Colusa
Yuba
Placer
Lake
Sutter
LAKE TAHOE
El Dorado
Yolo
Sonoma
Alpine
Napa
Sacramento
Amador
SAN FRANCISCO BAY AREA
Solano
Calaveras
GREAT BASIN VALLEYS
Marin
Tuolumne
Contra Costa
San Joaquin
Mono
Alameda
Stanislaus
Mariposa
San Mateo
Merced
Santa Clara
Madera
Santa Cruz
Fresno
NORTH CENTRAL COAST
San Benito
Inyo
Tulare
Monterey
Kings
SAN JOAQUIN VALLEY
San Luis Obispo
Kern
San Bernardino
SOUTH CENTRAL COAST
Santa Barbara
SOUTHEAST DESERT
Ventura
Los Angeles
Riverside
Orange
SOUTH COAST
San Diego
Imperial
SAN DIEGO COUNTY
Unclassified/Attainment
Nonattainment
Air Basin
County
Last Updated: November 2023
Air Quality Planning and Science Division

Table 13
National Ambient Air Quality Standards Area Designations for Fine Particulate Matter ($PM_{2.5}$)

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		
Plumas County		
- Portola Valley Portion of Plumas County	N	
- Remainder of Plumas County		U/A
Remainder of Air Basin		U/A
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A
SACRAMENTO VALLEY AIR BASIN		
Sacramento Metro Area[1]	N	
Remainder of Air Basin		U/A

Area	N	U/A
SAN DIEGO COUNTY		U/A
SAN FRANCISCO BAY AREA AIR BASIN[2]	N	
SAN JOAQUIN VALLEY AIR BASIN	N	
SOUTH CENTRAL COAST AIR BASIN		U/A
SOUTH COAST AIR BASIN[3]	N	
SOUTHEAST DESERT AIR BASIN		
Imperial County (portion)[4]	N	
Remainder of Air Basin		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305. This map reflects the 2006 24-hour $PM_{2.5}$ standard as well as the 1997 and 2012 $PM_{2.5}$ annual standards.

[1] For this purpose, Sacramento Metro Area comprises all of Sacramento and portions of El Dorado, Placer, Solano, and Yolo Counties. Air quality in this area meets the national $PM_{2.5}$ standards. A Determination of Attainment for the 2006 24-hour $PM_{2.5}$ standard was made by U.S. EPA in June 2017.

[2] Air quality in this area meets the national $PM_{2.5}$ standards. A Determination of Attainment for the 2006 24-hour $PM_{2.5}$ standard was made by U.S. EPA in June 2017.

[3] Those lands of the Santa Rosa Band of Cahulla Mission Indians in Riverside County are designated Unclassifiable/Attainment.

[4] That portion of Imperial County encompassing the urban and surrounding areas of Brawley, Calexico, El Centro, Heber, Holtville, Imperial, Seeley, and Westmorland. Air quality in this area meets the national $PM_{2.5}$ standards. A Determination of Attainment for the 2006 24-hour $PM_{2.5}$ standard was made by U.S. EPA in June 2017.

Figure 14

Last Updated: November 2023
Air Quality Planning and Science Division

Table 14
National Ambient Air Quality Standards Area Designations for Carbon Monoxide*

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		U/A
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A

Area	N	U/A
SACRAMENTO VALLEY AIR BASIN		U/A
SAN DIEGO COUNTY		U/A
SAN FRANCISCO BAY AREA AIR BASIN		U/A
SAN JOAQUIN VALLEY AIR BASIN		U/A
SOUTH CENTRAL COAST AIR BASIN		U/A
SOUTH COAST AIR BASIN		U/A
SOUTHEAST DESERT AIR BASIN		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

Figure 15

Area Designations for National Ambient Air Quality Standards
NITROGEN DIOXIDE
N
0 50 100 150 200 Miles
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
NORTH COAST
Trinity
Shasta
Lassen
Humboldt
Tehema
Plumas
SACRAMENTO VALLEY
Mendocino
Glenn
Butte
Sierra
Nevada
MOUNTAIN COUNTIES
Colusa
Yuba
Placer
LAKE TAHOE
LAKE COUNTY
Lake
Sutter
Yolo
El Dorado
Napa
Alpine
Sonoma
Sac
Amador
SAN FRANCISCO BAY AREA
Solano
Marin
Calaveras
Contra Costa
San Joaquin
Tuolumne
Mono
GREAT BASIN VALLEYS
San Francisco
Alameda
Stanislaus
Mariposa
San Mateo
Santa Clara
Merced
Santa Cruz
Madera
SAN JOAQUIN VALLEY
San Benito
Fresno
NORTH CENTRAL COAST
Inyo
Tulare
Monterey
Kings
San Luis Obispo
Kern
SOUTH CENTRAL COAST
Santa Barbara
SOUTHEAST DESERT
Ventura
Los Angeles
San Bernardino
Riverside
Orange
SOUTH COAST
San Diego
Imperial
SAN DIEGO COUNTY
Unclassified/Attainment
Air Basin
County
Last Updated: November 2023
Air Quality Planning and Science Division

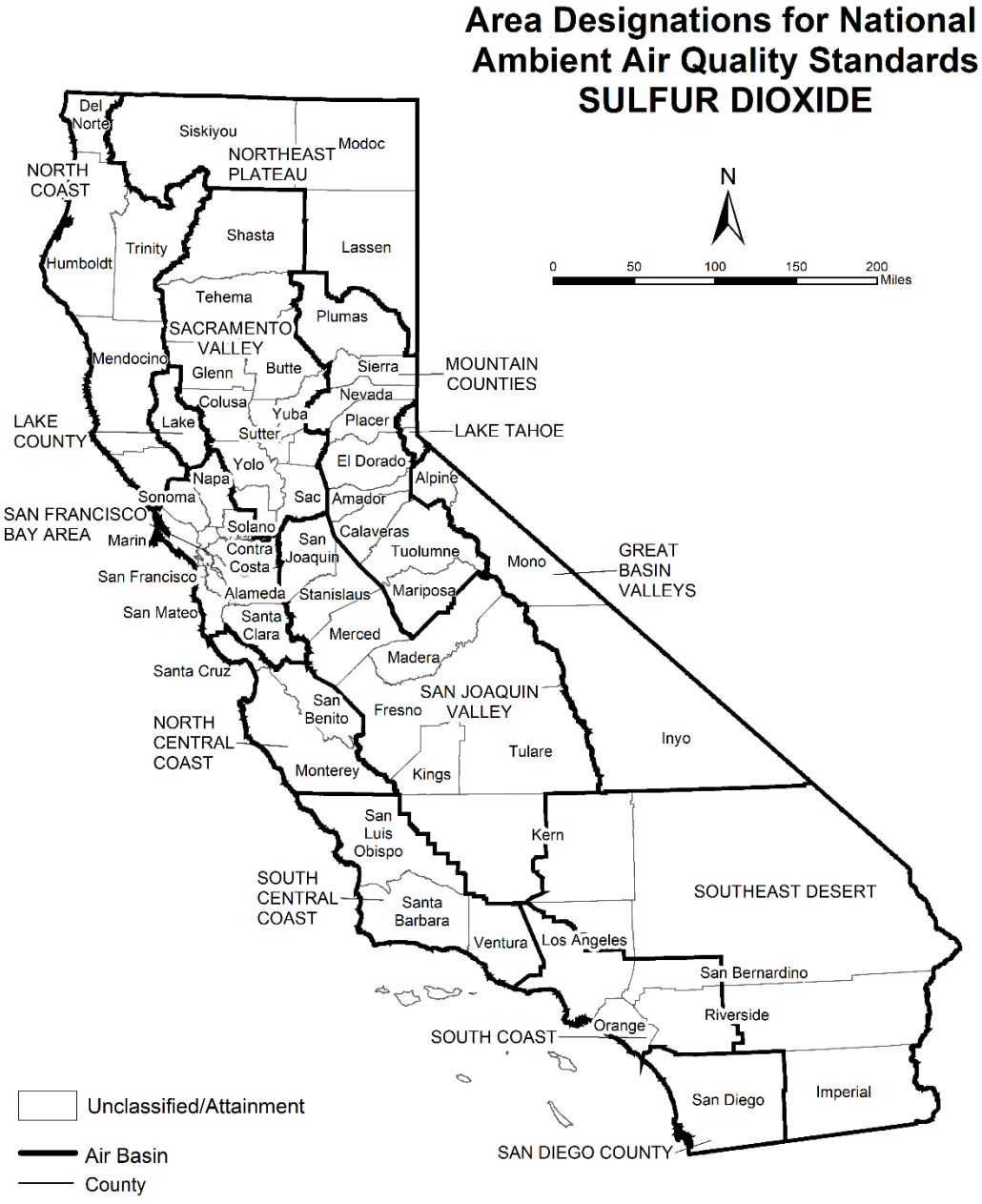
Table 15
National Ambient Air Quality Standards Area Designations for Nitrogen Dioxide*

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		U/A
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A

Area	N	U/A
SACRAMENTO VALLEY AIR BASIN		U/A
SAN DIEGO COUNTY		U/A
SAN FRANCISCO BAY AREA AIR BASIN		U/A
SAN JOAQUIN VALLEY AIR BASIN		U/A
SOUTH CENTRAL COAST AIR BASIN		U/A
SOUTH COAST AIR BASIN		U/A
SOUTHEAST DESERT AIR BASIN		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

Figure 16



Last Updated: November 2023
Air Quality Planning and Science Division

Table 16
National Ambient Air Quality Standards Area Designations for Sulfur Dioxide*

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		U/A
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A
SACRAMENTO VALLEY AIR BASIN		U/A
SAN DIEGO COUNTY		U/A
SAN FRANCISCO BAY AREA AIR BASIN		U/A
SAN JOAQUIN VALLEY AIR BASIN		U/A
SOUTH CENTRAL COAST AIR BASIN[1]		U/A
SOUTH COAST AIR BASIN		U/A
SOUTHEAST DESERT AIR BASIN		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.
NOTE: This map and table reflect the 2010 1-hour SO_2 standard of 75 ppb.

[1] South Central Coast Air Basin Channel Islands:
Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.
Ventura County includes Anacapa and San Nicolas Islands.
Note that the San Clemente and Santa Catalina Islands are considered part of Los Angeles County, and therefore, are included as part of the South Coast Air Basin.

Figure 17

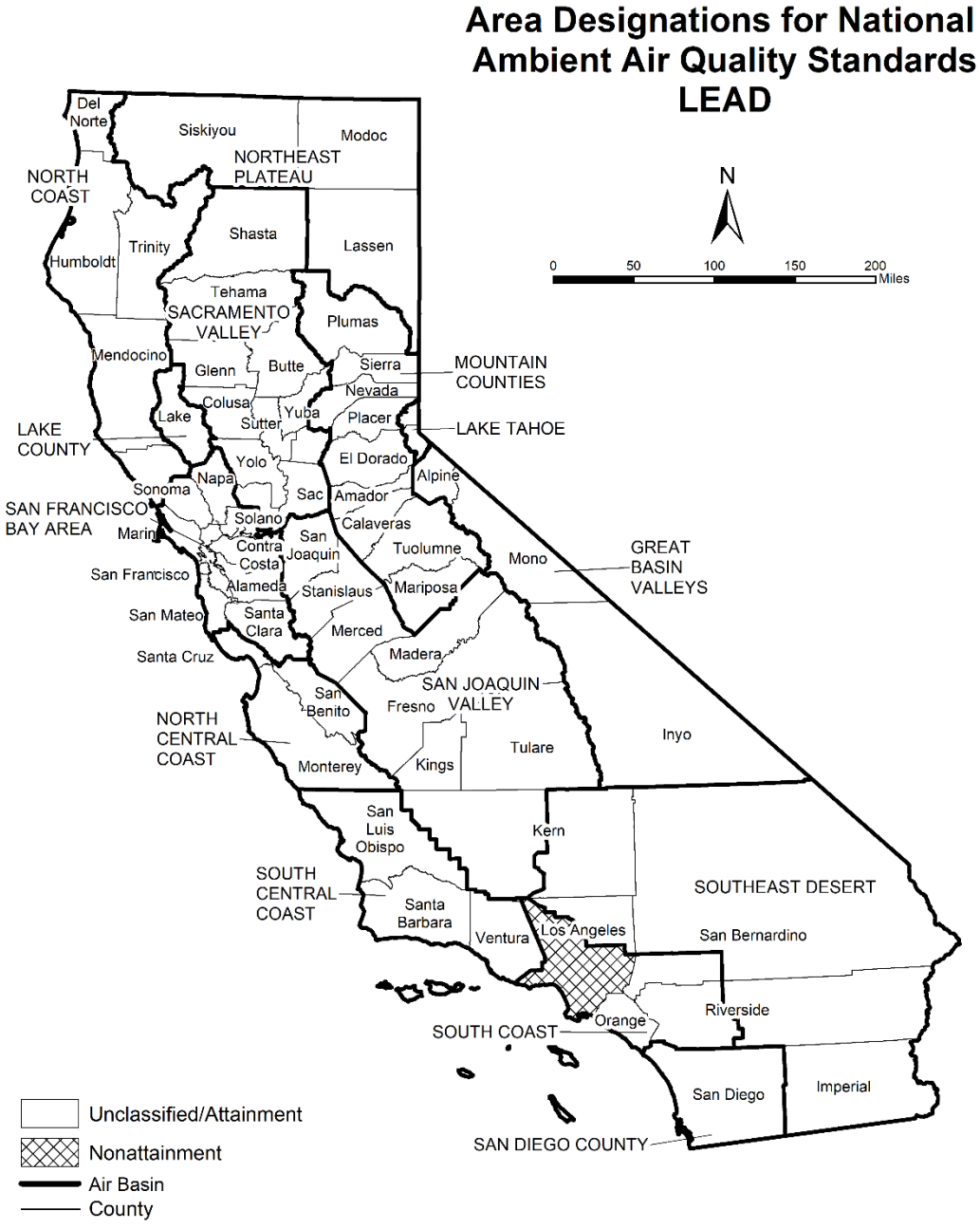

Area Designations for National Ambient Air Quality Standards
LEAD
N
0 50 100 150 200 Miles
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
NORTH COAST
Trinity
Shasta
Lassen
Humboldt
Tehama
SACRAMENTO VALLEY
Plumas
Mendocino
Glenn
Butte
Sierra
MOUNTAIN COUNTIES
Nevada
Colusa
Yuba
Placer
Lake
Sutter
LAKE TAHOE
LAKE COUNTY
Yolo
El Dorado
Napa
Alpine
Sonoma
Sac
Amador
SAN FRANCISCO BAY AREA
Solano
Calaveras
Marin
Contra Costa
San Joaquin
Tuolumne
Mono
GREAT BASIN VALLEYS
San Francisco
Alameda
Stanislaus
Mariposa
San Mateo
Santa Clara
Merced
Santa Cruz
Madera
SAN JOAQUIN VALLEY
San Benito
Fresno
NORTH CENTRAL COAST
Inyo
Tulare
Monterey
Kings
San Luis Obispo
Kern
SOUTH CENTRAL COAST
SOUTHEAST DESERT
Santa Barbara
Ventura
Los Angeles
San Bernardino
Riverside
Orange
SOUTH COAST
San Diego
Imperial
SAN DIEGO COUNTY
Unclassified/Attainment
Nonattainment
Air Basin
County
Last Updated: November 2023
Air Quality Planning and Science Division

Table 17
National Ambient Air Quality Standards Area Designations for Lead (particulate)

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		U/A
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A
SACRAMENTO VALLEY AIR BASIN		U/A

Area	N	U/A
SAN DIEGO COUNTY		U/A
SAN FRANCISCO BAY AREA AIR BASIN		U/A
SAN JOAQUIN VALLEY AIR BASIN		U/A
SOUTH CENTRAL COAST AIR BASIN		U/A
SOUTH COAST AIR BASIN		
Los Angeles County (portion)[1]	N	
Remainder of Air Basin		U/A
SOUTHEAST DESERT AIR BASIN		U/A

[1] Portion of County in Air Basin, not including Channel Islands

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APPENDIX 3.1:

CALEEMOD PROJECT CONSTRUCTION EMISSIONS MODEL OUTPUTS

15218 Mesa Verde Ph1 Construction Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2026) - Unmitigated

3.2. Site Preparation (2026) - Mitigated

3.3. Grading (2026) - Unmitigated

3.4. Grading (2026) - Mitigated

3.5. Grading (2027) - Unmitigated

3.6. Grading (2027) - Mitigated

3.7. Building Construction (2027) - Unmitigated

3.8. Building Construction (2027) - Mitigated

3.9. Building Construction (2028) - Unmitigated

3.10. Building Construction (2028) - Mitigated

3.11. Paving (2028) - Unmitigated

3.12. Paving (2028) - Mitigated

3.13. Paving (2029) - Unmitigated

3.14. Paving (2029) - Mitigated

3.15. Architectural Coating (2029) - Unmitigated

3.16. Architectural Coating (2029) - Mitigated

3.17. Architectural Coating (2030) - Unmitigated

3.18. Architectural Coating (2030) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph1 Construction
Construction Start Date	7/1/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.99658016182559, -117.07425469739829
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	1,400	1000sqft	32.1	1,400,000	0.00	—	—	—

City Park	12.7	Acre	12.7	0.00	0.00	0.00	—	—
Single Family Housing	709	Dwelling Unit	230	1,382,550	8,304,416	—	2,290	—
Apartments Low Rise	185	Dwelling Unit	11.6	196,100	0.00	—	598	—
Parking Lot	47.6	Acre	47.6	0.00	0.00	—	—	—
Government (Civic Center)	16.5	1000sqft	0.38	16,500	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	19.9	87.9	144	136	0.39	5.94	14.1	16.2	5.47	3.36	8.19	—	43,252	43,252	1.71	1.17	52.6	43,521
Mit.	5.69	20.7	23.9	208	0.39	0.83	14.1	14.4	0.83	3.36	3.63	—	43,252	43,252	1.71	1.17	52.6	43,521
% Reduced	71%	76%	83%	-52%	—	86%	—	11%	85%	—	56%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	19.9	87.8	144	135	0.39	5.94	14.1	16.2	5.47	3.36	8.19	—	43,173	43,173	1.68	1.17	1.36	43,432
Mit.	5.47	20.6	24.1	207	0.39	0.83	14.1	14.4	0.83	3.36	3.63	—	43,173	43,173	1.68	1.17	1.36	43,432
% Reduced	72%	77%	83%	-53%	—	86%	—	11%	85%	—	56%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.70	26.2	52.2	73.7	0.15	1.98	8.83	10.8	1.82	2.19	4.01	—	22,065	22,065	0.71	0.75	12.6	22,302
Mit.	3.58	6.47	13.6	97.4	0.15	0.36	8.83	9.19	0.36	2.19	2.54	—	22,065	22,065	0.71	0.75	12.6	22,302
% Reduced	59%	75%	74%	-32%	—	82%	—	15%	80%	—	37%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.59	4.78	9.53	13.5	0.03	0.36	1.61	1.97	0.33	0.40	0.73	—	3,653	3,653	0.12	0.12	2.08	3,692
Mit.	0.65	1.18	2.48	17.8	0.03	0.07	1.61	1.68	0.07	0.40	0.46	—	3,653	3,653	0.12	0.12	2.08	3,692
% Reduced	59%	75%	74%	-32%	—	82%	—	15%	80%	—	37%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	19.9	16.7	144	136	0.39	5.94	10.3	16.2	5.47	2.73	8.19	—	43,252	43,252	1.71	0.73	9.89	43,521
2027	19.3	16.2	133	135	0.39	5.51	14.1	15.8	5.07	3.36	7.80	—	43,182	43,182	1.68	1.17	52.6	43,444
2028	7.03	6.04	27.1	90.3	0.08	0.72	14.1	14.8	0.67	3.36	4.03	—	22,633	22,633	0.43	1.17	47.3	23,040
2029	1.07	87.9	8.71	14.3	0.03	0.27	2.57	2.60	0.25	0.60	0.63	—	3,900	3,900	0.10	0.35	6.61	4,012
2030	1.02	87.8	2.60	13.5	< 0.005	0.03	2.57	2.60	0.03	0.60	0.63	—	2,875	2,875	0.04	0.10	5.87	2,910

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	19.9	16.7	144	135	0.39	5.94	10.3	16.2	5.47	2.73	8.19	—	43,173	43,173	1.68	0.73	0.26	43,432
2027	19.2	16.1	134	133	0.39	5.51	14.1	15.8	5.07	3.36	7.80	—	43,105	43,105	1.68	1.17	1.36	43,358
2028	6.43	5.82	27.8	75.5	0.08	0.72	14.1	14.8	0.67	3.36	4.03	—	21,591	21,591	0.46	1.17	1.23	21,953
2029	1.03	87.8	8.81	11.5	0.03	0.27	2.57	2.60	0.25	0.60	0.63	—	3,887	3,887	0.10	0.35	0.17	3,993
2030	0.99	87.8	2.69	11.0	< 0.005	0.03	2.57	2.60	0.03	0.60	0.63	—	2,674	2,674	0.04	0.10	0.15	2,703
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.18	4.35	36.9	35.2	0.10	1.55	2.57	4.12	1.43	0.67	2.10	—	11,204	11,204	0.44	0.19	1.15	11,273
2027	8.70	7.34	52.2	73.7	0.15	1.98	8.83	10.8	1.82	2.19	4.01	—	22,065	22,065	0.71	0.70	10.6	22,302
2028	3.98	3.66	17.8	48.3	0.05	0.47	8.47	8.93	0.43	2.02	2.45	—	13,552	13,552	0.29	0.75	12.6	13,795
2029	0.71	26.2	4.55	8.29	0.01	0.13	1.10	1.22	0.12	0.27	0.39	—	2,443	2,443	0.06	0.17	1.80	2,498
2030	0.24	21.5	0.66	2.79	< 0.005	0.01	0.62	0.62	0.01	0.14	0.15	—	661	661	0.01	0.02	0.62	669
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.95	0.79	6.73	6.42	0.02	0.28	0.47	0.75	0.26	0.12	0.38	—	1,855	1,855	0.07	0.03	0.19	1,866
2027	1.59	1.34	9.53	13.5	0.03	0.36	1.61	1.97	0.33	0.40	0.73	—	3,653	3,653	0.12	0.12	1.75	3,692
2028	0.73	0.67	3.25	8.81	0.01	0.09	1.54	1.63	0.08	0.37	0.45	—	2,244	2,244	0.05	0.12	2.08	2,284
2029	0.13	4.78	0.83	1.51	< 0.005	0.02	0.20	0.22	0.02	0.05	0.07	—	404	404	0.01	0.03	0.30	414
2030	0.04	3.92	0.12	0.51	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	109	109	< 0.005	< 0.005	0.10	111

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	4.42	4.29	23.9	208	0.39	0.83	10.3	11.1	0.83	2.73	3.55	—	43,252	43,252	1.71	0.73	9.89	43,521

2027	5.69	4.99	23.8	207	0.39	0.83	14.1	14.4	0.82	3.36	3.63	—	43,182	43,182	1.68	1.17	52.6	43,444
2028	5.51	4.84	14.1	94.8	0.08	0.26	14.1	14.4	0.26	3.36	3.62	—	22,633	22,633	0.43	1.17	47.3	23,040
2029	1.07	20.7	4.54	14.3	0.03	0.12	2.57	2.60	0.11	0.60	0.63	—	3,900	3,900	0.10	0.35	6.61	4,012
2030	1.02	20.6	2.60	13.5	< 0.005	0.03	2.57	2.60	0.03	0.60	0.63	—	2,875	2,875	0.04	0.10	5.87	2,910
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	4.40	4.27	24.1	207	0.39	0.83	10.3	11.1	0.83	2.73	3.55	—	43,173	43,173	1.68	0.73	0.26	43,432
2027	5.47	4.76	23.9	206	0.39	0.83	14.1	14.4	0.82	3.36	3.63	—	43,105	43,105	1.68	1.17	1.36	43,358
2028	4.91	4.61	14.8	80.1	0.08	0.26	14.1	14.4	0.26	3.36	3.62	—	21,591	21,591	0.46	1.17	1.23	21,953
2029	1.03	20.6	4.64	12.0	0.03	0.12	2.57	2.60	0.11	0.60	0.63	—	3,887	3,887	0.10	0.35	0.17	3,993
2030	0.99	20.6	2.69	11.0	< 0.005	0.03	2.57	2.60	0.03	0.60	0.63	—	2,674	2,674	0.04	0.10	0.15	2,703
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.14	1.10	6.23	53.9	0.10	0.21	2.57	2.78	0.21	0.67	0.88	—	11,204	11,204	0.44	0.19	1.15	11,273
2027	3.58	3.25	13.6	97.4	0.15	0.36	8.83	9.19	0.36	2.19	2.54	—	22,065	22,065	0.71	0.70	10.6	22,302
2028	3.01	2.89	9.45	51.1	0.05	0.17	8.47	8.64	0.17	2.02	2.18	—	13,552	13,552	0.29	0.75	12.6	13,795
2029	0.53	6.47	2.78	8.58	0.01	0.06	1.10	1.16	0.06	0.27	0.33	—	2,443	2,443	0.06	0.17	1.80	2,498
2030	0.24	5.03	0.66	2.79	< 0.005	0.01	0.62	0.62	0.01	0.14	0.15	—	661	661	0.01	0.02	0.62	669
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.21	0.20	1.14	9.83	0.02	0.04	0.47	0.51	0.04	0.12	0.16	—	1,855	1,855	0.07	0.03	0.19	1,866
2027	0.65	0.59	2.48	17.8	0.03	0.07	1.61	1.68	0.07	0.40	0.46	—	3,653	3,653	0.12	0.12	1.75	3,692
2028	0.55	0.53	1.73	9.32	0.01	0.03	1.54	1.58	0.03	0.37	0.40	—	2,244	2,244	0.05	0.12	2.08	2,284
2029	0.10	1.18	0.51	1.57	< 0.005	0.01	0.20	0.21	0.01	0.05	0.06	—	404	404	0.01	0.03	0.30	414
2030	0.04	0.92	0.12	0.51	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	109	109	< 0.005	< 0.005	0.10	111

3. Construction Emissions Details

3.1. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.73	3.14	22.2	24.2	0.07	1.19	—	1.19	1.09	—	1.09	—	7,078	7,078	0.29	0.06	—	7,102
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.39	2.73	2.98	0.01	0.15	—	0.15	0.13	—	0.13	—	873	873	0.04	0.01	—	876
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.50	0.54	< 0.005	0.03	—	0.03	0.02	—	0.02	—	144	144	0.01	< 0.005	—	145

Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.62	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	310	310	0.01	0.01	1.05	315
Vendor	0.03	0.01	0.61	0.19	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	572	572	0.01	0.09	1.56	600
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.6	35.6	< 0.005	< 0.005	0.06	36.1
Vendor	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.5	70.5	< 0.005	0.01	0.08	73.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.90	5.90	< 0.005	< 0.005	0.01	5.98
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.01	12.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.67	3.48	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,078	7,078	0.29	0.06	—	7,102
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.43	4.74	0.01	0.02	—	0.02	0.02	—	0.02	—	873	873	0.04	0.01	—	876
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.08	0.86	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	144	144	0.01	< 0.005	—	145
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.62	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	310	310	0.01	0.01	1.05	315
Vendor	0.03	0.01	0.61	0.19	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	572	572	0.01	0.09	1.56	600
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.6	35.6	< 0.005	< 0.005	0.06	36.1
Vendor	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.5	70.5	< 0.005	0.01	0.08	73.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.90	5.90	< 0.005	< 0.005	0.01	5.98
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.01	12.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	19.4	16.3	141	130	0.37	5.90	—	5.90	5.43	—	5.43	—	39,874	39,874	1.62	0.32	—	40,011

Dust From Material Movement	—	—	—	—	—	—	8.65	8.65	—	2.32	2.32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	19.4	16.3	141	130	0.37	5.90	—	5.90	5.43	—	5.43	—	39,874	39,874	1.62	0.32	—	40,011
Dust From Material Movement	—	—	—	—	—	—	8.65	8.65	—	2.32	2.32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.60	3.87	33.3	30.9	0.09	1.40	—	1.40	1.29	—	1.29	—	9,442	9,442	0.38	0.08	—	9,474
Dust From Material Movement	—	—	—	—	—	—	2.05	2.05	—	0.55	0.55	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.84	0.71	6.08	5.63	0.02	0.26	—	0.26	0.23	—	0.23	—	1,563	1,563	0.06	0.01	—	1,569
Dust From Material Movement	—	—	—	—	—	—	0.37	0.37	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.34	0.31	0.28	5.21	0.00	0.00	0.95	0.95	0.00	0.22	0.22	—	1,000	1,000	0.04	0.03	3.39	1,015
Vendor	0.11	0.05	2.54	0.79	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,378	2,378	0.05	0.37	6.50	2,495
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.29	0.32	3.95	0.00	0.00	0.95	0.95	0.00	0.22	0.22	—	919	919	0.01	0.04	0.09	931
Vendor	0.11	0.05	2.65	0.81	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,380	2,380	0.05	0.37	0.17	2,491
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	0.98	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	220	220	< 0.005	0.01	0.35	223
Vendor	0.02	0.01	0.63	0.19	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	563	563	0.01	0.09	0.66	590
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	36.5	36.5	< 0.005	< 0.005	0.06	37.0
Vendor	< 0.005	< 0.005	0.12	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	93.3	93.3	< 0.005	0.01	0.11	97.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.97	3.93	21.1	202	0.37	0.80	—	0.80	0.79	—	0.79	—	39,874	39,874	1.62	0.32	—	40,011
Dust From Material Movement	—	—	—	—	—	—	8.65	8.65	—	2.32	2.32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.97	3.93	21.1	202	0.37	0.80	—	0.80	0.79	—	0.79	—	39,874	39,874	1.62	0.32	—	40,011
Dust From Material Movement	—	—	—	—	—	—	8.65	8.65	—	2.32	2.32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	0.93	5.00	47.8	0.09	0.19	—	0.19	0.19	—	0.19	—	9,442	9,442	0.38	0.08	—	9,474
Dust From Material Movement	—	—	—	—	—	—	2.05	2.05	—	0.55	0.55	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	0.91	8.72	0.02	0.03	—	0.03	0.03	—	0.03	—	1,563	1,563	0.06	0.01	—	1,569
Dust From Material Movement	—	—	—	—	—	—	0.37	0.37	—	0.10	0.10	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.34	0.31	0.28	5.21	0.00	0.00	0.95	0.95	0.00	0.22	0.22	—	1,000	1,000	0.04	0.03	3.39	1,015
Vendor	0.11	0.05	2.54	0.79	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,378	2,378	0.05	0.37	6.50	2,495
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.29	0.32	3.95	0.00	0.00	0.95	0.95	0.00	0.22	0.22	—	919	919	0.01	0.04	0.09	931
Vendor	0.11	0.05	2.65	0.81	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,380	2,380	0.05	0.37	0.17	2,491
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	0.98	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	220	220	< 0.005	0.01	0.35	223
Vendor	0.02	0.01	0.63	0.19	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	563	563	0.01	0.09	0.66	590
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	36.5	36.5	< 0.005	< 0.005	0.06	37.0
Vendor	< 0.005	< 0.005	0.12	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	93.3	93.3	< 0.005	0.01	0.11	97.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	18.8	15.8	131	129	0.37	5.47	—	5.47	5.03	—	5.03	—	39,866	39,866	1.62	0.32	—	40,003
Dust From Material Movement	—	—	—	—	—	—	8.65	8.65	—	2.32	2.32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	18.8	15.8	131	129	0.37	5.47	—	5.47	5.03	—	5.03	—	39,866	39,866	1.62	0.32	—	40,003
Dust From Material Movement	—	—	—	—	—	—	8.65	8.65	—	2.32	2.32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.64	4.74	39.2	38.6	0.11	1.64	—	1.64	1.51	—	1.51	—	11,937	11,937	0.48	0.10	—	11,977
Dust From Material Movement	—	—	—	—	—	—	2.59	2.59	—	0.69	0.69	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.86	7.15	7.05	0.02	0.30	—	0.30	0.28	—	0.28	—	1,976	1,976	0.08	0.02	—	1,983

Dust From Material Movement	—	—	—	—	—	—	0.47	0.47	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.29	0.25	4.82	0.00	0.00	0.95	0.95	0.00	0.22	0.22	—	981	981	0.01	0.03	3.05	995
Vendor	0.11	0.05	2.44	0.77	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,335	2,335	0.05	0.35	5.94	2,446
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.27	0.28	3.64	0.00	0.00	0.95	0.95	0.00	0.22	0.22	—	903	903	0.01	0.03	0.08	913
Vendor	0.10	0.05	2.55	0.79	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,336	2,336	0.05	0.35	0.15	2,442
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.09	1.14	0.00	0.00	0.28	0.28	0.00	0.07	0.07	—	274	274	< 0.005	0.01	0.39	277
Vendor	0.03	0.01	0.76	0.23	0.01	0.01	0.20	0.21	0.01	0.06	0.07	—	699	699	0.02	0.10	0.77	732
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	45.3	45.3	< 0.005	< 0.005	0.07	45.9
Vendor	0.01	< 0.005	0.14	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	116	116	< 0.005	0.02	0.13	121
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.96	3.92	21.1	202	0.37	0.79	—	0.79	0.79	—	0.79	—	39,866	39,866	1.62	0.32	—	40,003
Dust From Material Movement	—	—	—	—	—	—	8.65	8.65	—	2.32	2.32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.96	3.92	21.1	202	0.37	0.79	—	0.79	0.79	—	0.79	—	39,866	39,866	1.62	0.32	—	40,003
Dust From Material Movement	—	—	—	—	—	—	8.65	8.65	—	2.32	2.32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.19	1.17	6.31	60.4	0.11	0.24	—	0.24	0.24	—	0.24	—	11,937	11,937	0.48	0.10	—	11,977
Dust From Material Movement	—	—	—	—	—	—	2.59	2.59	—	0.69	0.69	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.21	1.15	11.0	0.02	0.04	—	0.04	0.04	—	0.04	—	1,976	1,976	0.08	0.02	—	1,983
Dust From Material Movement	—	—	—	—	—	—	0.47	0.47	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.29	0.25	4.82	0.00	0.00	0.95	0.95	0.00	0.22	0.22	—	981	981	0.01	0.03	3.05	995
Vendor	0.11	0.05	2.44	0.77	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,335	2,335	0.05	0.35	5.94	2,446
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.27	0.28	3.64	0.00	0.00	0.95	0.95	0.00	0.22	0.22	—	903	903	0.01	0.03	0.08	913
Vendor	0.10	0.05	2.55	0.79	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,336	2,336	0.05	0.35	0.15	2,442
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.09	1.14	0.00	0.00	0.28	0.28	0.00	0.07	0.07	—	274	274	< 0.005	0.01	0.39	277
Vendor	0.03	0.01	0.76	0.23	0.01	0.01	0.20	0.21	0.01	0.06	0.07	—	699	699	0.02	0.10	0.77	732
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	45.3	45.3	< 0.005	< 0.005	0.07	45.9
Vendor	0.01	< 0.005	0.14	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	116	116	< 0.005	0.02	0.13	121
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.66	2.22	20.3	28.1	0.05	0.73	—	0.73	0.67	—	0.67	—	5,259	5,259	0.21	0.04	—	5,277
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.66	2.22	20.3	28.1	0.05	0.73	—	0.73	0.67	—	0.67	—	5,259	5,259	0.21	0.04	—	5,277
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.10	0.92	8.44	11.6	0.02	0.30	—	0.30	0.28	—	0.28	—	2,182	2,182	0.09	0.02	—	2,189
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.17	1.54	2.13	< 0.005	0.06	—	0.06	0.05	—	0.05	—	361	361	0.01	< 0.005	—	362
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	4.43	3.94	3.41	65.2	0.00	0.00	12.8	12.8	0.00	3.01	3.01	—	13,288	13,288	0.15	0.47	41.3	13,472
Vendor	0.20	0.09	4.64	1.46	0.03	0.07	1.28	1.35	0.07	0.35	0.42	—	4,433	4,433	0.10	0.66	11.3	4,644
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	4.21	3.72	3.85	49.3	0.00	0.00	12.8	12.8	0.00	3.01	3.01	—	12,221	12,221	0.17	0.47	1.07	12,365
Vendor	0.20	0.09	4.84	1.50	0.03	0.07	1.28	1.35	0.07	0.35	0.42	—	4,436	4,436	0.10	0.66	0.29	4,637
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.75	1.54	1.76	21.5	0.00	0.00	5.24	5.24	0.00	1.23	1.23	—	5,134	5,134	0.07	0.19	7.39	5,201
Vendor	0.08	0.04	2.01	0.61	0.01	0.03	0.53	0.55	0.03	0.15	0.17	—	1,840	1,840	0.04	0.28	2.02	1,925
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.28	0.32	3.92	0.00	0.00	0.96	0.96	0.00	0.22	0.22	—	850	850	0.01	0.03	1.22	861
Vendor	0.02	0.01	0.37	0.11	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	305	305	0.01	0.05	0.33	319
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.06	0.95	6.39	32.7	0.05	0.21	—	0.21	0.20	—	0.20	—	5,259	5,259	0.21	0.04	—	5,277
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.06	0.95	6.39	32.7	0.05	0.21	—	0.21	0.20	—	0.20	—	5,259	5,259	0.21	0.04	—	5,277
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.44	0.40	2.65	13.5	0.02	0.09	—	0.09	0.08	—	0.08	—	2,182	2,182	0.09	0.02	—	2,189
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.48	2.47	< 0.005	0.02	—	0.02	0.02	—	0.02	—	361	361	0.01	< 0.005	—	362
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	4.43	3.94	3.41	65.2	0.00	0.00	12.8	12.8	0.00	3.01	3.01	—	13,288	13,288	0.15	0.47	41.3	13,472
Vendor	0.20	0.09	4.64	1.46	0.03	0.07	1.28	1.35	0.07	0.35	0.42	—	4,433	4,433	0.10	0.66	11.3	4,644
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	4.21	3.72	3.85	49.3	0.00	0.00	12.8	12.8	0.00	3.01	3.01	—	12,221	12,221	0.17	0.47	1.07	12,365

Vendor	0.20	0.09	4.84	1.50	0.03	0.07	1.28	1.35	0.07	0.35	0.42	—	4,436	4,436	0.10	0.66	0.29	4,637
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.75	1.54	1.76	21.5	0.00	0.00	5.24	5.24	0.00	1.23	1.23	—	5,134	5,134	0.07	0.19	7.39	5,201
Vendor	0.08	0.04	2.01	0.61	0.01	0.03	0.53	0.55	0.03	0.15	0.17	—	1,840	1,840	0.04	0.28	2.02	1,925
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.28	0.32	3.92	0.00	0.00	0.96	0.96	0.00	0.22	0.22	—	850	850	0.01	0.03	1.22	861
Vendor	0.02	0.01	0.37	0.11	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	305	305	0.01	0.05	0.33	319
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.3	28.1	0.05	0.65	—	0.65	0.60	—	0.60	—	5,260	5,260	0.21	0.04	—	5,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.3	28.1	0.05	0.65	—	0.65	0.60	—	0.60	—	5,260	5,260	0.21	0.04	—	5,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.54	1.29	11.6	16.9	0.03	0.39	—	0.39	0.36	—	0.36	—	3,171	3,171	0.13	0.03	—	3,181
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.24	2.13	3.09	0.01	0.07	—	0.07	0.07	—	0.07	—	525	525	0.02	< 0.005	—	527
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	4.27	3.81	3.39	60.8	0.00	0.00	12.8	12.8	0.00	3.01	3.01	—	13,040	13,040	0.15	0.47	37.0	13,220
Vendor	0.20	0.09	4.41	1.42	0.03	0.07	1.28	1.35	0.07	0.35	0.42	—	4,332	4,332	0.07	0.66	10.3	4,542
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.68	3.59	3.83	46.0	0.00	0.00	12.8	12.8	0.00	3.01	3.01	—	11,995	11,995	0.17	0.47	0.96	12,139
Vendor	0.19	0.09	4.62	1.46	0.03	0.07	1.28	1.35	0.07	0.35	0.42	—	4,336	4,336	0.07	0.66	0.27	4,536
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.20	2.15	2.31	29.2	0.00	0.00	7.61	7.61	0.00	1.78	1.78	—	7,321	7,321	0.10	0.28	9.63	7,417
Vendor	0.12	0.05	2.80	0.87	0.02	0.04	0.76	0.80	0.04	0.21	0.25	—	2,612	2,612	0.04	0.40	2.67	2,735
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.39	0.42	5.33	0.00	0.00	1.39	1.39	0.00	0.33	0.33	—	1,212	1,212	0.02	0.05	1.59	1,228

Vendor	0.02	0.01	0.51	0.16	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	432	432	0.01	0.07	0.44	453
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.04	0.93	6.31	32.6	0.05	0.20	—	0.20	0.19	—	0.19	—	5,260	5,260	0.21	0.04	—	5,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.04	0.93	6.31	32.6	0.05	0.20	—	0.20	0.19	—	0.19	—	5,260	5,260	0.21	0.04	—	5,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	0.56	3.80	19.7	0.03	0.12	—	0.12	0.11	—	0.11	—	3,171	3,171	0.13	0.03	—	3,181
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.69	3.59	0.01	0.02	—	0.02	0.02	—	0.02	—	525	525	0.02	< 0.005	—	527
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	4.27	3.81	3.39	60.8	0.00	0.00	12.8	12.8	0.00	3.01	3.01	—	13,040	13,040	0.15	0.47	37.0	13,220
Vendor	0.20	0.09	4.41	1.42	0.03	0.07	1.28	1.35	0.07	0.35	0.42	—	4,332	4,332	0.07	0.66	10.3	4,542
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.68	3.59	3.83	46.0	0.00	0.00	12.8	12.8	0.00	3.01	3.01	—	11,995	11,995	0.17	0.47	0.96	12,139
Vendor	0.19	0.09	4.62	1.46	0.03	0.07	1.28	1.35	0.07	0.35	0.42	—	4,336	4,336	0.07	0.66	0.27	4,536
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.20	2.15	2.31	29.2	0.00	0.00	7.61	7.61	0.00	1.78	1.78	—	7,321	7,321	0.10	0.28	9.63	7,417
Vendor	0.12	0.05	2.80	0.87	0.02	0.04	0.76	0.80	0.04	0.21	0.25	—	2,612	2,612	0.04	0.40	2.67	2,735
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.39	0.42	5.33	0.00	0.00	1.39	1.39	0.00	0.33	0.33	—	1,212	1,212	0.02	0.05	1.59	1,228
Vendor	0.02	0.01	0.51	0.16	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	432	432	0.01	0.07	0.44	453
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.82	0.69	6.63	9.91	0.01	0.26	—	0.26	0.24	—	0.24	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.75	1.12	< 0.005	0.03	—	0.03	0.03	—	0.03	—	172	172	0.01	< 0.005	—	172
Paving	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.14	0.21	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	28.4	28.4	< 0.005	< 0.005	—	28.5
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.70	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	183	183	< 0.005	0.01	0.01	185
Vendor	0.10	0.05	2.40	0.76	0.02	0.04	0.67	0.70	0.04	0.18	0.22	—	2,255	2,255	0.04	0.35	0.14	2,359
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.1	21.1	< 0.005	< 0.005	0.03	21.3
Vendor	0.01	0.01	0.27	0.09	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	256	256	< 0.005	0.04	0.26	268
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.49	3.49	< 0.005	< 0.005	< 0.005	3.53
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	42.3	42.3	< 0.005	0.01	0.04	44.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.36	2.30	10.6	0.01	0.09	—	0.09	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.26	1.20	< 0.005	0.01	—	0.01	0.01	—	0.01	—	172	172	0.01	< 0.005	—	172
Paving	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.22	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28.4	28.4	< 0.005	< 0.005	—	28.5
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.70	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	183	183	< 0.005	0.01	0.01	185
Vendor	0.10	0.05	2.40	0.76	0.02	0.04	0.67	0.70	0.04	0.18	0.22	—	2,255	2,255	0.04	0.35	0.14	2,359
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.1	21.1	< 0.005	< 0.005	0.03	21.3
Vendor	0.01	0.01	0.27	0.09	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	256	256	< 0.005	0.04	0.26	268
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.49	3.49	< 0.005	< 0.005	< 0.005	3.53
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	42.3	42.3	< 0.005	0.01	0.04	44.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.80	0.67	6.46	9.92	0.01	0.24	—	0.24	0.22	—	0.22	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.80	0.67	6.46	9.92	0.01	0.24	—	0.24	0.22	—	0.22	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.28	2.73	4.19	0.01	0.10	—	0.10	0.09	—	0.09	—	639	639	0.03	0.01	—	641
Paving	—	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.50	0.77	< 0.005	0.02	—	0.02	0.02	—	0.02	—	106	106	< 0.005	< 0.005	—	106
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.06	0.04	0.87	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	196	196	< 0.005	0.01	0.50	198
Vendor	0.10	0.05	2.21	0.72	0.02	0.04	0.67	0.70	0.04	0.18	0.22	—	2,194	2,194	0.04	0.33	4.77	2,297
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.05	0.65	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	180	180	< 0.005	0.01	0.01	182
Vendor	0.10	0.05	2.30	0.74	0.02	0.04	0.67	0.70	0.04	0.18	0.22	—	2,196	2,196	0.04	0.33	0.12	2,295
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.29	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	77.1	77.1	< 0.005	< 0.005	0.09	78.1
Vendor	0.04	0.02	0.98	0.31	0.01	0.01	0.28	0.29	0.01	0.08	0.09	—	928	928	0.02	0.14	0.87	970
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	0.02	12.9
Vendor	0.01	< 0.005	0.18	0.06	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	154	154	< 0.005	0.02	0.14	161
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Paving (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.35	2.29	10.6	0.01	0.08	—	0.08	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.35	2.29	10.6	0.01	0.08	—	0.08	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.15	0.97	4.48	0.01	0.04	—	0.04	0.03	—	0.03	—	639	639	0.03	0.01	—	641
Paving	—	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.18	0.82	< 0.005	0.01	—	0.01	0.01	—	0.01	—	106	106	< 0.005	< 0.005	—	106
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.87	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	196	196	< 0.005	0.01	0.50	198
Vendor	0.10	0.05	2.21	0.72	0.02	0.04	0.67	0.70	0.04	0.18	0.22	—	2,194	2,194	0.04	0.33	4.77	2,297
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.05	0.05	0.05	0.65	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	180	180	< 0.005	0.01	0.01	182
Vendor	0.10	0.05	2.30	0.74	0.02	0.04	0.67	0.70	0.04	0.18	0.22	—	2,196	2,196	0.04	0.33	0.12	2,295
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.29	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	77.1	77.1	< 0.005	< 0.005	0.09	78.1
Vendor	0.04	0.02	0.98	0.31	0.01	0.01	0.28	0.29	0.01	0.08	0.09	—	928	928	0.02	0.14	0.87	970
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	0.02	12.9
Vendor	0.01	< 0.005	0.18	0.06	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	154	154	< 0.005	0.02	0.14	161
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.27	2.12	2.97	< 0.005	0.03	—	0.03	0.03	—	0.03	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	86.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.33	0.27	2.12	2.97	< 0.005	0.03	—	0.03	0.03	—	0.03	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	86.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.62	0.86	< 0.005	0.01	—	0.01	0.01	—	0.01	—	104	104	< 0.005	< 0.005	—	104
Architectural Coatings	—	25.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.2	17.2	< 0.005	< 0.005	—	17.2
Architectural Coatings	—	4.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.73	0.59	11.4	0.00	0.00	2.57	2.57	0.00	0.60	0.60	—	2,562	2,562	0.03	0.09	6.61	2,597
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.70	0.61	0.68	8.53	0.00	0.00	2.57	2.57	0.00	0.60	0.60	—	2,357	2,357	0.03	0.09	0.17	2,386
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.20	2.63	0.00	0.00	0.74	0.74	0.00	0.17	0.17	—	696	696	0.01	0.03	0.83	705
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.48	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.14	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Architectural Coating (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.27	2.12	2.97	< 0.005	0.03	—	0.03	0.03	—	0.03	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	19.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.33	0.27	2.12	2.97	< 0.005	0.03	—	0.03	0.03	—	0.03	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	19.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.62	0.86	< 0.005	0.01	—	0.01	0.01	—	0.01	—	104	104	< 0.005	< 0.005	—	104
Architectural Coatings	—	5.76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.2	17.2	< 0.005	< 0.005	—	17.2
Architectural Coatings	—	1.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.73	0.59	11.4	0.00	0.00	2.57	2.57	0.00	0.60	0.60	—	2,562	2,562	0.03	0.09	6.61	2,597
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.70	0.61	0.68	8.53	0.00	0.00	2.57	2.57	0.00	0.60	0.60	—	2,357	2,357	0.03	0.09	0.17	2,386
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.20	2.63	0.00	0.00	0.74	0.74	0.00	0.17	0.17	—	696	696	0.01	0.03	0.83	705
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.48	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.14	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Architectural Coating (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.26	2.09	2.95	< 0.005	0.03	—	0.03	0.03	—	0.03	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	86.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.32	0.26	2.09	2.95	< 0.005	0.03	—	0.03	0.03	—	0.03	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	86.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.51	0.72	< 0.005	0.01	—	0.01	0.01	—	0.01	—	87.1	87.1	< 0.005	< 0.005	—	87.4
Architectural Coatings	—	21.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.5
Architectural Coatings	—	3.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.61	0.50	10.6	0.00	0.00	2.57	2.57	0.00	0.60	0.60	—	2,519	2,519	0.03	0.09	5.87	2,553
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.67	0.58	0.59	8.04	0.00	0.00	2.57	2.57	0.00	0.60	0.60	—	2,318	2,318	0.03	0.09	0.15	2,346
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.15	2.07	0.00	0.00	0.62	0.62	0.00	0.14	0.14	—	574	574	0.01	0.02	0.62	582
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.38	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	95.0	95.0	< 0.005	< 0.005	0.10	96.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Architectural Coating (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.26	2.09	2.95	< 0.005	0.03	—	0.03	0.03	—	0.03	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	19.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.32	0.26	2.09	2.95	< 0.005	0.03	—	0.03	0.03	—	0.03	—	356	356	0.01	< 0.005	—	357
Architectural Coatings	—	19.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.51	0.72	< 0.005	0.01	—	0.01	0.01	—	0.01	—	87.1	87.1	< 0.005	< 0.005	—	87.4
Architectural Coatings	—	4.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.5
Architectural Coatings	—	0.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.61	0.50	10.6	0.00	0.00	2.57	2.57	0.00	0.60	0.60	—	2,519	2,519	0.03	0.09	5.87	2,553
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.67	0.58	0.59	8.04	0.00	0.00	2.57	2.57	0.00	0.60	0.60	—	2,318	2,318	0.03	0.09	0.15	2,346
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.15	2.07	0.00	0.00	0.62	0.62	0.00	0.14	0.14	—	574	574	0.01	0.02	0.62	582
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.38	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	95.0	95.0	< 0.005	< 0.005	0.10	96.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	7/1/2026	9/1/2026	5.00	45.0	—
Grading	Grading	9/2/2026	6/2/2027	5.00	196	—
Building Construction	Building Construction	6/3/2027	11/3/2028	5.00	372	—
Paving	Paving	11/4/2028	8/4/2029	5.00	195	—
Architectural Coating	Architectural Coating	8/5/2029	5/5/2030	5.00	195	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Average	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Average	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	16.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Average	3.00	8.00	376	0.38

Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Tier 4 Final	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Final	16.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Tier 4 Final	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Tier 4 Final	3.00	8.00	376	0.38
Building Construction	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	6.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42

Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	19.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	72.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	79.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	982	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	150	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	78.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT

Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	196	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	19.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	72.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	79.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	982	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	150	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	78.0	10.2	HHDT,MHDT

Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	196	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	3,196,766	1,065,589	2,100,000	700,000	124,407

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	113	0.00	—
Grading	—	—	3,920	0.00	—
Paving	0.00	0.00	0.00	0.00	55.4

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction

Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Light Industry	0.00	0%
City Park	0.00	0%
Single Family Housing	7.81	0%
Apartments Low Rise	—	0%
Parking Lot	47.6	100%
Government (Civic Center)	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005
2028	0.00	532	0.03	< 0.005
2029	0.00	532	0.03	< 0.005
2030	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat

Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6

Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—

Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—

Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Construction: Construction Phases	Construction schedule based on data provided by the Project applicant
Construction: Off-Road Equipment	All equipment assumed to operate 8 hours per day. Crawler tractors used in lieu of tractors/loaders/backhoes during site preparation and grading to account for fugitive dust.
Construction: Trips and VMT	Vendor trips assigned to site preparation, grading, building construction, and paving phases based on the duration of each phase.
Construction: Architectural Coatings	Rule 1113

15218 Mesa Verde Ph2 Construction Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2030) - Unmitigated

3.2. Site Preparation (2030) - Mitigated

3.3. Grading (2030) - Unmitigated

3.4. Grading (2030) - Mitigated

3.5. Grading (2031) - Unmitigated

3.6. Grading (2031) - Mitigated

3.7. Building Construction (2031) - Unmitigated

3.8. Building Construction (2031) - Mitigated

3.9. Building Construction (2032) - Unmitigated

3.10. Building Construction (2032) - Mitigated

3.11. Building Construction (2033) - Unmitigated

3.12. Building Construction (2033) - Mitigated

3.13. Paving (2033) - Unmitigated

3.14. Paving (2033) - Mitigated

3.15. Architectural Coating (2033) - Unmitigated

3.16. Architectural Coating (2033) - Mitigated

3.17. Architectural Coating (2034) - Unmitigated

3.18. Architectural Coating (2034) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph2 Construction
Construction Start Date	5/6/2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.99697093575283, -117.07456951477454
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	700	1000sqft	16.1	700,000	0.00	—	—	—

Unrefrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	0.00	—	—	—
Strip Mall	50.0	1000sqft	1.15	50,000	0.00	—	—	—
Single Family Housing	468	Dwelling Unit	152	912,600	5,481,617	—	1,512	—
Apartments Low Rise	81.0	Dwelling Unit	5.06	85,860	0.00	—	262	—
City Park	16.2	Acre	16.2	0.00	0.00	0.00	—	—
Parking Lot	50.6	Acre	50.6	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	16.5	74.8	99.9	120	0.36	4.24	12.4	13.6	3.90	2.98	6.48	—	39,469	39,469	1.54	0.83	30.6	39,674
Mit.	4.06	18.1	20.5	193	0.36	0.74	12.4	12.7	0.74	2.98	3.32	—	39,469	39,469	1.54	0.83	30.6	39,674
% Reduced	75%	76%	79%	-60%	—	83%	—	7%	81%	—	49%	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	16.5	74.8	100.0	120	0.36	4.24	12.4	13.6	3.90	2.98	6.48	—	39,402	39,402	1.54	1.17	0.79	39,601
Mit.	3.92	18.1	20.6	192	0.36	0.74	12.4	12.7	0.74	2.98	3.32	—	39,402	39,402	1.54	1.17	0.79	39,601
% Reduced	76%	76%	79%	-61%	—	83%	—	7%	81%	—	49%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.57	35.7	39.6	50.3	0.14	1.68	8.75	9.23	1.55	2.10	2.67	—	15,703	15,703	0.61	0.84	8.71	15,958
Mit.	2.80	8.62	10.4	76.6	0.14	0.29	8.75	8.94	0.29	2.10	2.26	—	15,703	15,703	0.61	0.84	8.71	15,958
% Reduced	57%	76%	74%	-52%	—	83%	—	3%	81%	—	16%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.20	6.51	7.23	9.19	0.03	0.31	1.60	1.68	0.28	0.38	0.49	—	2,600	2,600	0.10	0.14	1.44	2,642
Mit.	0.51	1.57	1.89	14.0	0.03	0.05	1.60	1.63	0.05	0.38	0.41	—	2,600	2,600	0.10	0.14	1.44	2,642
% Reduced	57%	76%	74%	-52%	—	83%	—	3%	81%	—	16%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	16.5	13.8	99.9	120	0.36	4.24	9.40	13.6	3.90	2.58	6.48	—	39,469	39,469	1.54	0.54	4.67	39,674
2031	5.57	4.69	25.8	74.4	0.10	0.65	12.4	13.1	0.56	2.98	3.54	—	21,028	21,028	0.41	0.83	30.6	21,316
2032	5.36	4.49	24.7	71.7	0.10	0.60	12.4	13.0	0.52	2.98	3.50	—	20,714	20,714	0.41	0.83	26.8	20,998
2033	4.88	4.36	24.1	69.3	0.10	0.51	12.4	12.9	0.48	2.98	3.45	—	20,441	20,441	0.41	0.79	23.3	20,709

2034	0.57	74.8	1.29	8.43	< 0.005	0.01	2.17	2.18	0.01	0.51	0.52	—	2,196	2,196	0.03	0.01	2.98	2,203
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	16.5	13.8	100.0	120	0.36	4.24	9.40	13.6	3.90	2.58	6.48	—	39,402	39,402	1.54	0.54	0.12	39,601
2031	16.2	13.6	94.2	119	0.36	4.12	12.4	13.5	3.78	2.98	6.36	—	39,346	39,346	1.54	1.17	0.79	39,543
2032	5.26	4.39	25.3	62.0	0.10	0.60	12.4	13.0	0.52	2.98	3.50	—	19,896	19,896	0.43	0.83	0.69	20,154
2033	4.78	74.8	24.3	60.3	0.10	0.51	12.4	12.9	0.48	2.98	3.45	—	19,634	19,634	0.43	0.79	0.60	19,880
2034	0.55	74.8	1.36	6.73	< 0.005	0.01	2.17	2.18	0.01	0.51	0.52	—	2,036	2,036	0.03	0.01	0.08	2,040
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	6.57	5.51	39.6	47.7	0.14	1.68	3.66	5.34	1.55	0.99	2.54	—	15,675	15,675	0.61	0.22	0.82	15,755
2031	4.56	3.81	23.2	50.3	0.09	0.68	8.55	9.23	0.60	2.07	2.67	—	15,703	15,703	0.37	0.79	8.71	15,958
2032	3.77	3.15	18.1	45.6	0.07	0.43	8.75	9.19	0.37	2.10	2.47	—	14,334	14,334	0.31	0.84	8.28	14,599
2033	1.51	3.28	9.13	19.8	0.03	0.21	3.25	3.46	0.20	0.79	0.98	—	6,110	6,110	0.14	0.28	2.84	6,201
2034	0.26	35.7	0.65	3.35	< 0.005	< 0.005	1.02	1.02	< 0.005	0.24	0.24	—	983	983	0.01	0.01	0.62	986
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	1.20	1.01	7.23	8.71	0.03	0.31	0.67	0.98	0.28	0.18	0.46	—	2,595	2,595	0.10	0.04	0.14	2,608
2031	0.83	0.69	4.23	9.19	0.02	0.12	1.56	1.68	0.11	0.38	0.49	—	2,600	2,600	0.06	0.13	1.44	2,642
2032	0.69	0.57	3.31	8.32	0.01	0.08	1.60	1.68	0.07	0.38	0.45	—	2,373	2,373	0.05	0.14	1.37	2,417
2033	0.28	0.60	1.67	3.61	0.01	0.04	0.59	0.63	0.04	0.14	0.18	—	1,012	1,012	0.02	0.05	0.47	1,027
2034	0.05	6.51	0.12	0.61	< 0.005	< 0.005	0.19	0.19	< 0.005	0.04	0.04	—	163	163	< 0.005	< 0.005	0.10	163

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2030	3.91	3.83	20.5	193	0.36	0.74	9.40	10.1	0.74	2.58	3.32	—	39,469	39,469	1.54	0.54	4.67	39,674
2031	4.06	3.50	13.3	79.3	0.10	0.27	12.4	12.7	0.22	2.98	3.20	—	21,028	21,028	0.41	0.83	30.6	21,316
2032	3.91	3.34	12.7	76.6	0.10	0.26	12.4	12.7	0.21	2.98	3.19	—	20,714	20,714	0.41	0.83	26.8	20,998
2033	3.47	3.25	12.5	74.3	0.10	0.22	12.4	12.6	0.21	2.98	3.19	—	20,441	20,441	0.41	0.79	23.3	20,709
2034	0.57	18.1	1.29	8.43	< 0.005	0.01	2.17	2.18	0.01	0.51	0.52	—	2,196	2,196	0.03	0.01	2.98	2,203
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	3.90	3.81	20.6	192	0.36	0.74	9.40	10.1	0.74	2.58	3.32	—	39,402	39,402	1.54	0.54	0.12	39,601
2031	3.92	3.80	20.5	192	0.36	0.74	12.4	12.7	0.73	2.98	3.31	—	39,346	39,346	1.54	1.17	0.79	39,543
2032	3.80	3.24	13.3	67.0	0.10	0.26	12.4	12.7	0.21	2.98	3.19	—	19,896	19,896	0.43	0.83	0.69	20,154
2033	3.37	18.1	12.8	65.3	0.10	0.22	12.4	12.6	0.21	2.98	3.19	—	19,634	19,634	0.43	0.79	0.60	19,880
2034	0.55	18.0	1.36	6.73	< 0.005	0.01	2.17	2.18	0.01	0.51	0.52	—	2,036	2,036	0.03	0.01	0.08	2,040
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	1.55	1.52	8.19	76.6	0.14	0.29	3.66	3.95	0.29	0.99	1.29	—	15,675	15,675	0.61	0.22	0.82	15,755
2031	2.80	2.42	10.4	58.1	0.09	0.22	8.55	8.77	0.19	2.07	2.26	—	15,703	15,703	0.37	0.79	8.71	15,958
2032	2.73	2.33	9.55	49.2	0.07	0.19	8.75	8.94	0.15	2.10	2.25	—	14,334	14,334	0.31	0.84	8.28	14,599
2033	1.01	1.67	4.71	21.3	0.03	0.09	3.25	3.34	0.09	0.79	0.87	—	6,110	6,110	0.14	0.28	2.84	6,201
2034	0.26	8.62	0.65	3.35	< 0.005	< 0.005	1.02	1.02	< 0.005	0.24	0.24	—	983	983	0.01	0.01	0.62	986
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.28	0.28	1.50	14.0	0.03	0.05	0.67	0.72	0.05	0.18	0.23	—	2,595	2,595	0.10	0.04	0.14	2,608
2031	0.51	0.44	1.89	10.6	0.02	0.04	1.56	1.60	0.03	0.38	0.41	—	2,600	2,600	0.06	0.13	1.44	2,642
2032	0.50	0.42	1.74	8.97	0.01	0.03	1.60	1.63	0.03	0.38	0.41	—	2,373	2,373	0.05	0.14	1.37	2,417
2033	0.19	0.31	0.86	3.89	0.01	0.02	0.59	0.61	0.02	0.14	0.16	—	1,012	1,012	0.02	0.05	0.47	1,027
2034	0.05	1.57	0.12	0.61	< 0.005	< 0.005	0.19	0.19	< 0.005	0.04	0.04	—	163	163	< 0.005	< 0.005	0.10	163

3. Construction Emissions Details

3.1. Site Preparation (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.23	2.71	17.1	23.7	0.07	0.80	—	0.80	0.73	—	0.73	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.25	1.60	2.20	0.01	0.07	—	0.07	0.07	—	0.07	—	660	660	0.03	0.01	—	662
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.29	0.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	109	109	< 0.005	< 0.005	—	110

Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	1.21	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	289	289	< 0.005	0.01	0.67	293
Vendor	0.01	0.01	0.30	0.10	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	—	300	300	0.01	0.05	0.59	315
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.0	25.0	< 0.005	< 0.005	0.03	25.4
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.0	28.0	< 0.005	< 0.005	0.02	29.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.15	4.15	< 0.005	< 0.005	< 0.005	4.20
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.63	4.63	< 0.005	< 0.005	< 0.005	4.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.67	3.48	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.32	3.58	0.01	0.01	—	0.01	0.01	—	0.01	—	660	660	0.03	0.01	—	662
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	109	109	< 0.005	< 0.005	—	110
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	1.21	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	289	289	< 0.005	0.01	0.67	293
Vendor	0.01	0.01	0.30	0.10	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	—	300	300	0.01	0.05	0.59	315
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.0	25.0	< 0.005	< 0.005	0.03	25.4
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.0	28.0	< 0.005	< 0.005	0.02	29.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.15	4.15	< 0.005	< 0.005	< 0.005	4.20
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.63	4.63	< 0.005	< 0.005	< 0.005	4.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	16.2	13.6	98.4	116	0.34	4.22	—	4.22	3.88	—	3.88	—	37,266	37,266	1.51	0.30	—	37,394

Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	16.2	13.6	98.4	116	0.34	4.22	—	4.22	3.88	—	3.88	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.15	5.17	37.4	44.2	0.13	1.60	—	1.60	1.47	—	1.47	—	14,148	14,148	0.57	0.11	—	14,196
Dust From Material Movement	—	—	—	—	—	—	3.07	3.07	—	0.86	0.86	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	0.94	6.82	8.06	0.02	0.29	—	0.29	0.27	—	0.27	—	2,342	2,342	0.10	0.02	—	2,350
Dust From Material Movement	—	—	—	—	—	—	0.56	0.56	—	0.16	0.16	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.21	0.17	3.63	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	866	866	0.01	0.03	2.02	878
Vendor	0.07	0.03	1.33	0.44	0.01	0.02	0.42	0.44	0.02	0.12	0.14	—	1,338	1,338	0.02	0.21	2.65	1,402
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23	0.20	0.20	2.76	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	797	797	0.01	0.03	0.05	807
Vendor	0.06	0.03	1.40	0.45	0.01	0.02	0.42	0.44	0.02	0.12	0.14	—	1,339	1,339	0.02	0.21	0.07	1,401
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.08	1.10	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	306	306	< 0.005	0.01	0.33	310
Vendor	0.02	0.01	0.53	0.17	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	508	508	0.01	0.08	0.43	532
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.20	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	50.7	50.7	< 0.005	< 0.005	0.05	51.4
Vendor	< 0.005	< 0.005	0.10	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	84.1	84.1	< 0.005	0.01	0.07	88.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.60	3.59	19.0	189	0.34	0.72	—	0.72	0.72	—	0.72	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.60	3.59	19.0	189	0.34	0.72	—	0.72	0.72	—	0.72	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.37	1.36	7.23	71.6	0.13	0.27	—	0.27	0.27	—	0.27	—	14,148	14,148	0.57	0.11	—	14,196
Dust From Material Movement	—	—	—	—	—	—	3.07	3.07	—	0.86	0.86	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	1.32	13.1	0.02	0.05	—	0.05	0.05	—	0.05	—	2,342	2,342	0.10	0.02	—	2,350
Dust From Material Movement	—	—	—	—	—	—	0.56	0.56	—	0.16	0.16	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.21	0.17	3.63	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	866	866	0.01	0.03	2.02	878
Vendor	0.07	0.03	1.33	0.44	0.01	0.02	0.42	0.44	0.02	0.12	0.14	—	1,338	1,338	0.02	0.21	2.65	1,402
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23	0.20	0.20	2.76	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	797	797	0.01	0.03	0.05	807
Vendor	0.06	0.03	1.40	0.45	0.01	0.02	0.42	0.44	0.02	0.12	0.14	—	1,339	1,339	0.02	0.21	0.07	1,401
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.08	1.10	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	306	306	< 0.005	0.01	0.33	310
Vendor	0.02	0.01	0.53	0.17	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	508	508	0.01	0.08	0.43	532
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.20	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	50.7	50.7	< 0.005	< 0.005	0.05	51.4
Vendor	< 0.005	< 0.005	0.10	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	84.1	84.1	< 0.005	0.01	0.07	88.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	15.9	13.4	92.7	115	0.34	4.10	—	4.10	3.77	—	3.77	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.00	0.84	5.81	7.23	0.02	0.26	—	0.26	0.24	—	0.24	—	2,334	2,334	0.09	0.02	—	2,342
Dust From Material Movement	—	—	—	—	—	—	0.51	0.51	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.06	1.32	< 0.005	0.05	—	0.05	0.04	—	0.04	—	386	386	0.02	< 0.005	—	388
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.19	0.17	2.57	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	784	784	0.01	0.03	0.05	794
Vendor	0.05	0.03	1.33	0.44	0.01	0.02	0.42	0.44	0.01	0.12	0.13	—	1,296	1,296	0.02	0.19	0.06	1,355
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	49.7	49.7	< 0.005	< 0.005	0.05	50.4
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	81.1	81.1	< 0.005	0.01	0.06	84.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.23	8.23	< 0.005	< 0.005	0.01	8.34
Vendor	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.4	13.4	< 0.005	< 0.005	0.01	14.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.60	3.58	19.0	189	0.34	0.72	—	0.72	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394

Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.22	1.19	11.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,334	2,334	0.09	0.02	—	2,342
Dust From Material Movement	—	—	—	—	—	—	0.51	0.51	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.22	2.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	386	386	0.02	< 0.005	—	388
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.19	0.17	2.57	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	784	784	0.01	0.03	0.05	794
Vendor	0.05	0.03	1.33	0.44	0.01	0.02	0.42	0.44	0.01	0.12	0.13	—	1,296	1,296	0.02	0.19	0.06	1,355
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	49.7	49.7	< 0.005	< 0.005	0.05	50.4
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	81.1	81.1	< 0.005	0.01	0.06	84.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.23	8.23	< 0.005	< 0.005	0.01	8.34
Vendor	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.4	13.4	< 0.005	< 0.005	0.01	14.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.55	2.13	19.0	30.8	0.06	0.57	—	0.57	0.52	—	0.52	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.55	2.13	19.0	30.8	0.06	0.57	—	0.57	0.52	—	0.52	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.66	1.39	12.4	20.1	0.04	0.37	—	0.37	0.34	—	0.34	—	3,715	3,715	0.15	0.03	—	3,728
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.25	2.26	3.67	0.01	0.07	—	0.07	0.06	—	0.06	—	615	615	0.02	< 0.005	—	617
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.82	2.45	2.12	42.0	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	10,490	10,490	0.09	0.05	22.0	10,531
Vendor	0.21	0.11	4.76	1.61	0.04	0.08	1.57	1.65	0.04	0.43	0.47	—	4,836	4,836	0.09	0.73	8.59	5,064
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.69	2.30	2.13	31.7	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	9,655	9,655	0.11	0.39	0.57	9,775
Vendor	0.20	0.11	4.98	1.65	0.04	0.08	1.57	1.65	0.04	0.43	0.47	—	4,840	4,840	0.09	0.73	0.22	5,060
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.75	1.50	1.62	21.8	0.00	0.00	6.96	6.96	0.00	1.63	1.63	—	6,370	6,370	0.07	0.26	6.19	6,455
Vendor	0.13	0.07	3.26	1.06	0.03	0.05	1.01	1.06	0.03	0.28	0.31	—	3,153	3,153	0.06	0.47	2.41	3,298
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.27	0.30	3.97	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,055	1,055	0.01	0.04	1.02	1,069
Vendor	0.02	0.01	0.60	0.19	< 0.005	0.01	0.18	0.19	< 0.005	0.05	0.06	—	522	522	0.01	0.08	0.40	546
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.94	6.42	35.7	0.06	0.18	—	0.18	0.18	—	0.18	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.94	6.42	35.7	0.06	0.18	—	0.18	0.18	—	0.18	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.61	4.19	23.3	0.04	0.12	—	0.12	0.12	—	0.12	—	3,715	3,715	0.15	0.03	—	3,728
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.11	0.76	4.24	0.01	0.02	—	0.02	0.02	—	0.02	—	615	615	0.02	< 0.005	—	617
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.82	2.45	2.12	42.0	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	10,490	10,490	0.09	0.05	22.0	10,531
Vendor	0.21	0.11	4.76	1.61	0.04	0.08	1.57	1.65	0.04	0.43	0.47	—	4,836	4,836	0.09	0.73	8.59	5,064
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.69	2.30	2.13	31.7	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	9,655	9,655	0.11	0.39	0.57	9,775
Vendor	0.20	0.11	4.98	1.65	0.04	0.08	1.57	1.65	0.04	0.43	0.47	—	4,840	4,840	0.09	0.73	0.22	5,060
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.75	1.50	1.62	21.8	0.00	0.00	6.96	6.96	0.00	1.63	1.63	—	6,370	6,370	0.07	0.26	6.19	6,455
Vendor	0.13	0.07	3.26	1.06	0.03	0.05	1.01	1.06	0.03	0.28	0.31	—	3,153	3,153	0.06	0.47	2.41	3,298
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.27	0.30	3.97	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,055	1,055	0.01	0.04	1.02	1,069
Vendor	0.02	0.01	0.60	0.19	< 0.005	0.01	0.18	0.19	< 0.005	0.05	0.06	—	522	522	0.01	0.08	0.40	546
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.48	2.08	18.4	30.7	0.06	0.52	—	0.52	0.48	—	0.48	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.48	2.08	18.4	30.7	0.06	0.52	—	0.52	0.48	—	0.48	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.78	1.49	13.2	22.0	0.04	0.37	—	0.37	0.34	—	0.34	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.40	4.01	0.01	0.07	—	0.07	0.06	—	0.06	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.67	2.30	1.76	39.4	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	10,337	10,337	0.09	0.05	19.4	10,375
Vendor	0.21	0.11	4.57	1.61	0.04	0.08	1.57	1.65	0.04	0.43	0.47	—	4,676	4,676	0.09	0.73	7.36	4,902
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.58	2.21	2.12	29.6	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	9,514	9,514	0.11	0.05	0.50	9,534

Vendor	0.20	0.11	4.83	1.65	0.04	0.08	1.57	1.65	0.04	0.43	0.47	—	4,680	4,680	0.09	0.73	0.19	4,900
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.85	1.58	1.52	22.5	0.00	0.00	7.65	7.65	0.00	1.79	1.79	—	6,900	6,900	0.08	0.28	6.00	6,992
Vendor	0.15	0.08	3.45	1.17	0.03	0.06	1.11	1.16	0.03	0.31	0.34	—	3,350	3,350	0.06	0.52	2.28	3,510
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.34	0.29	0.28	4.10	0.00	0.00	1.40	1.40	0.00	0.33	0.33	—	1,142	1,142	0.01	0.05	0.99	1,158
Vendor	0.03	0.01	0.63	0.21	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	555	555	0.01	0.09	0.38	581
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.02	0.93	6.40	35.7	0.06	0.18	—	0.18	0.17	—	0.17	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.02	0.93	6.40	35.7	0.06	0.18	—	0.18	0.17	—	0.17	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.67	4.58	25.5	0.04	0.13	—	0.13	0.12	—	0.12	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.12	0.84	4.66	0.01	0.02	—	0.02	0.02	—	0.02	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.67	2.30	1.76	39.4	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	10,337	10,337	0.09	0.05	19.4	10,375
Vendor	0.21	0.11	4.57	1.61	0.04	0.08	1.57	1.65	0.04	0.43	0.47	—	4,676	4,676	0.09	0.73	7.36	4,902
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.58	2.21	2.12	29.6	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	9,514	9,514	0.11	0.05	0.50	9,534
Vendor	0.20	0.11	4.83	1.65	0.04	0.08	1.57	1.65	0.04	0.43	0.47	—	4,680	4,680	0.09	0.73	0.19	4,900
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.85	1.58	1.52	22.5	0.00	0.00	7.65	7.65	0.00	1.79	1.79	—	6,900	6,900	0.08	0.28	6.00	6,992
Vendor	0.15	0.08	3.45	1.17	0.03	0.06	1.11	1.16	0.03	0.31	0.34	—	3,350	3,350	0.06	0.52	2.28	3,510
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.34	0.29	0.28	4.10	0.00	0.00	1.40	1.40	0.00	0.33	0.33	—	1,142	1,142	0.01	0.05	0.99	1,158

Vendor	0.03	0.01	0.63	0.21	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	555	555	0.01	0.09	0.38	581
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2033) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.43	2.04	17.9	30.7	0.06	0.47	—	0.47	0.44	—	0.44	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.43	2.04	17.9	30.7	0.06	0.47	—	0.47	0.44	—	0.44	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.49	4.28	7.32	0.01	0.11	—	0.11	0.10	—	0.10	—	1,361	1,361	0.06	0.01	—	1,366
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.78	1.34	< 0.005	0.02	—	0.02	0.02	—	0.02	—	225	225	0.01	< 0.005	—	226
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.24	2.21	1.74	37.1	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	10,214	10,214	0.09	0.05	17.1	10,250
Vendor	0.21	0.11	4.43	1.57	0.04	0.04	1.57	1.61	0.04	0.43	0.47	—	4,526	4,526	0.09	0.69	6.24	4,739
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.15	2.12	1.76	28.0	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	9,402	9,402	0.11	0.05	0.44	9,422
Vendor	0.20	0.11	4.65	1.61	0.04	0.04	1.57	1.61	0.04	0.43	0.47	—	4,530	4,530	0.09	0.69	0.16	4,737
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.51	0.50	0.42	7.01	0.00	0.00	2.55	2.55	0.00	0.60	0.60	—	2,273	2,273	0.03	0.01	1.76	2,279
Vendor	0.05	0.03	1.11	0.38	0.01	0.01	0.37	0.38	0.01	0.10	0.11	—	1,081	1,081	0.02	0.16	0.64	1,131
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.08	1.28	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	376	376	< 0.005	< 0.005	0.29	377
Vendor	0.01	< 0.005	0.20	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	179	179	< 0.005	0.03	0.11	187
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2033) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.02	0.93	6.38	35.7	0.06	0.18	—	0.18	0.17	—	0.17	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.02	0.93	6.38	35.7	0.06	0.18	—	0.18	0.17	—	0.17	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.22	1.52	8.52	0.01	0.04	—	0.04	0.04	—	0.04	—	1,361	1,361	0.06	0.01	—	1,366
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.28	1.55	< 0.005	0.01	—	0.01	0.01	—	0.01	—	225	225	0.01	< 0.005	—	226
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.24	2.21	1.74	37.1	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	10,214	10,214	0.09	0.05	17.1	10,250
Vendor	0.21	0.11	4.43	1.57	0.04	0.04	1.57	1.61	0.04	0.43	0.47	—	4,526	4,526	0.09	0.69	6.24	4,739
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.15	2.12	1.76	28.0	0.00	0.00	10.9	10.9	0.00	2.55	2.55	—	9,402	9,402	0.11	0.05	0.44	9,422

Vendor	0.20	0.11	4.65	1.61	0.04	0.04	1.57	1.61	0.04	0.43	0.47	—	4,530	4,530	0.09	0.69	0.16	4,737
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.51	0.50	0.42	7.01	0.00	0.00	2.55	2.55	0.00	0.60	0.60	—	2,273	2,273	0.03	0.01	1.76	2,279
Vendor	0.05	0.03	1.11	0.38	0.01	0.01	0.37	0.38	0.01	0.10	0.11	—	1,081	1,081	0.02	0.16	0.64	1,131
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.08	1.28	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	376	376	< 0.005	< 0.005	0.29	377
Vendor	0.01	< 0.005	0.20	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	179	179	< 0.005	0.03	0.11	187
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (2033) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.59	5.91	9.84	0.01	0.18	—	0.18	0.17	—	0.17	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.59	5.91	9.84	0.01	0.18	—	0.18	0.17	—	0.17	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.69	4.47	0.01	0.08	—	0.08	0.08	—	0.08	—	687	687	0.03	0.01	—	689
Paving	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.49	0.82	< 0.005	0.02	—	0.02	0.01	—	0.01	—	114	114	< 0.005	< 0.005	—	114
Paving	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.67	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	184	184	< 0.005	< 0.005	0.31	185
Vendor	0.06	0.03	1.26	0.45	0.01	0.01	0.44	0.46	0.01	0.12	0.13	—	1,286	1,286	0.02	0.20	1.77	1,347
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.51	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.01	170
Vendor	0.06	0.03	1.32	0.46	0.01	0.01	0.44	0.46	0.01	0.12	0.13	—	1,287	1,287	0.02	0.20	0.05	1,346
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.24	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	78.2	78.2	< 0.005	< 0.005	0.06	78.4
Vendor	0.03	0.01	0.60	0.21	0.01	0.01	0.20	0.20	0.01	0.06	0.06	—	585	585	0.01	0.09	0.35	612

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	12.9	12.9	< 0.005	< 0.005	0.01	13.0
Vendor	< 0.005	< 0.005	0.11	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	96.9	96.9	< 0.005	0.01	0.06	101
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Paving (2033) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.31	2.24	10.5	0.01	0.07	—	0.07	0.07	—	0.07	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.31	2.24	10.5	0.01	0.07	—	0.07	0.07	—	0.07	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.14	1.02	4.79	0.01	0.03	—	0.03	0.03	—	0.03	—	687	687	0.03	0.01	—	689
Paving	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.19	0.87	< 0.005	0.01	—	0.01	0.01	—	0.01	—	114	114	< 0.005	< 0.005	—	114
Paving	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.67	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	184	184	< 0.005	< 0.005	0.31	185
Vendor	0.06	0.03	1.26	0.45	0.01	0.01	0.44	0.46	0.01	0.12	0.13	—	1,286	1,286	0.02	0.20	1.77	1,347
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.51	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.01	170
Vendor	0.06	0.03	1.32	0.46	0.01	0.01	0.44	0.46	0.01	0.12	0.13	—	1,287	1,287	0.02	0.20	0.05	1,346
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.24	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	78.2	78.2	< 0.005	< 0.005	0.06	78.4
Vendor	0.03	0.01	0.60	0.21	0.01	0.01	0.20	0.20	0.01	0.06	0.06	—	585	585	0.01	0.09	0.35	612
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	12.9	12.9	< 0.005	< 0.005	0.01	13.0
Vendor	< 0.005	< 0.005	0.11	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	96.9	96.9	< 0.005	0.01	0.06	101
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2033) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	1.02	1.47	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	74.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.83	3.83	< 0.005	< 0.005	—	3.85
Architectural Coatings	—	1.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.63	0.63	< 0.005	< 0.005	—	0.64
Architectural Coatings	—	0.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.42	0.35	5.60	0.00	0.00	2.17	2.17	0.00	0.51	0.51	—	1,880	1,880	0.02	0.01	0.09	1,884
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	41.0	41.0	< 0.005	< 0.005	0.03	41.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.79	6.79	< 0.005	< 0.005	0.01	6.80
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Architectural Coating (2033) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	1.02	1.47	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.83	3.83	< 0.005	< 0.005	—	3.85
Architectural Coatings	—	0.38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.63	0.63	< 0.005	< 0.005	—	0.64
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.42	0.35	5.60	0.00	0.00	2.17	2.17	0.00	0.51	0.51	—	1,880	1,880	0.02	0.01	0.09	1,884

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	41.0	41.0	< 0.005	< 0.005	0.03	41.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.79	6.79	< 0.005	< 0.005	0.01	6.80
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Architectural Coating (2034) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	1.01	1.47	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	74.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	1.01	1.47	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179

Architect Coatings	—	74.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.48	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	85.0	85.0	< 0.005	< 0.005	—	85.3
Architectural Coatings	—	35.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.1	14.1	< 0.005	< 0.005	—	14.1
Architectural Coatings	—	6.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.42	0.28	6.97	0.00	0.00	2.17	2.17	0.00	0.51	0.51	—	2,018	2,018	0.02	0.01	2.98	2,025
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.40	0.35	5.27	0.00	0.00	2.17	2.17	0.00	0.51	0.51	—	1,858	1,858	0.02	0.01	0.08	1,862
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.19	0.17	2.65	0.00	0.00	1.02	1.02	0.00	0.24	0.24	—	898	898	0.01	0.01	0.62	901
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.48	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	149	149	< 0.005	< 0.005	0.10	149
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Architectural Coating (2034) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	1.01	1.47	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	1.01	1.47	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179

Architectural	—	17.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.48	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	85.0	85.0	< 0.005	< 0.005	—	85.3
Architectural Coatings	—	8.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.1	14.1	< 0.005	< 0.005	—	14.1
Architectural Coatings	—	1.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.42	0.28	6.97	0.00	0.00	2.17	2.17	0.00	0.51	0.51	—	2,018	2,018	0.02	0.01	2.98	2,025
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.40	0.35	5.27	0.00	0.00	2.17	2.17	0.00	0.51	0.51	—	1,858	1,858	0.02	0.01	0.08	1,862
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.19	0.17	2.65	0.00	0.00	1.02	1.02	0.00	0.24	0.24	—	898	898	0.01	0.01	0.62	901
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.48	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	149	149	< 0.005	< 0.005	0.10	149
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	5/6/2030	6/20/2030	5.00	34.0	—
Grading	Grading	6/21/2030	2/1/2031	5.00	161	—
Building Construction	Building Construction	2/2/2031	5/2/2033	5.00	586	—
Paving	Paving	5/3/2033	12/20/2033	5.00	166	—
Architectural Coating	Architectural Coating	12/21/2033	9/1/2034	5.00	183	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Average	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Average	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	14.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Average	4.00	8.00	376	0.38
Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	7.00	8.00	84.0	0.37

Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Tier 4 Final	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Final	14.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Tier 4 Final	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Tier 4 Final	4.00	8.00	376	0.38
Building Construction	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	7.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	11.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	67.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	49.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	831	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	183	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	52.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	166	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT

Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	11.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	67.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	49.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	831	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	183	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	52.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	166	18.5	LDA,LDT1,LDT2

Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	2,021,882	673,961	2,175,000	725,000	132,196

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	85.0	0.00	—
Grading	—	—	2,898	0.00	—
Paving	0.00	0.00	0.00	0.00	55.7

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Light Industry	0.00	0%
Unrefrigerated Warehouse-No Rail	0.00	0%
Strip Mall	0.00	0%
Single Family Housing	5.16	0%
Apartments Low Rise	—	0%
City Park	0.00	0%
Parking Lot	50.6	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2030	0.00	532	0.03	< 0.005
2031	0.00	532	0.03	< 0.005
2032	0.00	532	0.03	< 0.005
2033	0.00	532	0.03	< 0.005
2034	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2

Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00

Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—

Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0

Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—

Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Construction schedule adjusted based on data from the Project team.
Construction: Off-Road Equipment	All equipment will operate 8 hours per day. Crawler tractors assumed in lieu of tractors/loaders/backhoes during site preparation and grading in order to account for fugitive dust.

Construction: Trips and VMT	Vendor trips assigned to site preparation, grading, building construction, and paving based on the duration of each phase.
Construction: Architectural Coatings	Rule 1113

15218 Mesa Verde Ph3 Construction Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2033) - Unmitigated

3.2. Site Preparation (2033) - Mitigated

3.3. Grading (2033) - Unmitigated

3.4. Grading (2033) - Mitigated

3.5. Grading (2034) - Unmitigated

3.6. Grading (2034) - Mitigated

3.7. Grading (2035) - Unmitigated

3.8. Grading (2035) - Mitigated

3.9. Building Construction (2035) - Unmitigated

3.10. Building Construction (2035) - Mitigated

3.11. Building Construction (2036) - Unmitigated

3.12. Building Construction (2036) - Mitigated

3.13. Building Construction (2037) - Unmitigated

3.14. Building Construction (2037) - Mitigated

3.15. Building Construction (2038) - Unmitigated

3.16. Building Construction (2038) - Mitigated

3.17. Paving (2037) - Unmitigated

3.18. Paving (2037) - Mitigated

3.19. Paving (2038) - Unmitigated

3.20. Paving (2038) - Mitigated

3.21. Architectural Coating (2037) - Unmitigated

3.22. Architectural Coating (2037) - Mitigated

3.23. Architectural Coating (2038) - Unmitigated

3.24. Architectural Coating (2038) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph3 Construction
Construction Start Date	5/1/2033
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.99706484769354, -117.07430025959425
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	700	1000sqft	16.1	700,000	0.00	—	—	—

Unrefrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	0.00	—	—	—
Single Family Housing	447	Dwelling Unit	145	871,650	5,235,647	—	1,444	—
Apartments Low Rise	81.0	Dwelling Unit	5.06	85,860	0.00	—	262	—
Strip Mall	250	1000sqft	5.74	250,000	0.00	—	—	—
City Park	8.90	Acre	8.90	0.00	0.00	0.00	—	—
Parking Lot	12.8	Acre	12.8	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.0	39.4	79.8	115	0.36	3.29	16.3	17.0	3.03	3.91	5.64	—	39,544	39,544	1.55	0.96	18.0	39,745
Mit.	4.81	11.5	20.6	192	0.36	0.72	16.3	16.6	0.72	3.91	4.27	—	39,544	39,544	1.55	0.96	18.0	39,745
% Reduced	68%	71%	74%	-68%	—	78%	—	2%	76%	—	24%	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.4	39.3	84.4	115	0.36	3.60	16.3	17.0	3.31	3.91	5.92	—	39,540	39,540	1.55	0.96	0.47	39,738
Mit.	4.73	11.4	20.7	192	0.36	0.73	16.3	16.6	0.73	3.91	4.27	—	39,540	39,540	1.55	0.96	0.47	39,738
% Reduced	69%	71%	75%	-67%	—	80%	—	2%	78%	—	28%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.7	28.0	57.0	81.5	0.26	2.35	11.4	11.9	2.17	2.75	4.02	—	28,206	28,206	1.11	0.69	4.77	28,349
Mit.	3.29	8.06	14.8	137	0.26	0.52	11.4	11.7	0.52	2.75	3.00	—	28,206	28,206	1.11	0.69	4.77	28,349
% Reduced	69%	71%	74%	-68%	—	78%	—	2%	76%	—	25%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.95	5.10	10.4	14.9	0.05	0.43	2.08	2.18	0.40	0.50	0.73	—	4,670	4,670	0.18	0.11	0.79	4,693
Mit.	0.60	1.47	2.69	25.0	0.05	0.09	2.08	2.13	0.09	0.50	0.55	—	4,670	4,670	0.18	0.11	0.79	4,693
% Reduced	69%	71%	74%	-68%	—	78%	—	2%	76%	—	25%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2033	3.15	2.65	15.3	24.8	0.07	0.69	1.18	1.87	0.63	0.20	0.83	—	7,928	7,928	0.30	0.15	1.25	7,980
2034	15.0	12.6	79.8	115	0.36	3.29	9.50	12.8	3.03	2.61	5.64	—	39,544	39,544	1.55	0.54	2.96	39,745
2035	5.54	4.92	27.8	75.3	0.11	0.60	13.1	13.7	0.55	3.13	3.68	—	22,102	22,102	0.46	0.73	18.0	22,348
2036	5.41	4.79	26.9	73.4	0.11	0.56	13.1	13.6	0.52	3.13	3.65	—	21,861	21,861	0.46	0.73	15.5	22,105

2037	6.87	39.4	37.5	95.4	0.15	0.74	16.3	17.0	0.68	3.91	4.59	—	28,018	28,018	0.61	0.96	16.7	28,336
2038	6.70	39.2	36.5	94.2	0.15	0.70	16.3	17.0	0.65	3.91	4.56	—	27,771	27,771	0.61	0.96	14.2	28,087
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2033	15.4	12.9	84.4	115	0.36	3.60	9.50	13.1	3.31	2.61	5.92	—	39,540	39,540	1.55	0.54	0.09	39,738
2034	15.0	12.6	79.9	114	0.36	3.29	9.50	12.8	3.03	2.61	5.64	—	39,480	39,480	1.55	0.54	0.08	39,679
2035	14.6	12.3	75.7	113	0.36	3.06	13.1	13.7	2.81	3.13	5.42	—	39,424	39,424	1.55	0.73	0.47	39,618
2036	5.34	4.72	27.2	65.0	0.11	0.56	13.1	13.6	0.52	3.13	3.65	—	21,030	21,030	0.48	0.73	0.40	21,260
2037	6.79	39.3	37.8	86.0	0.15	0.74	16.3	17.0	0.68	3.91	4.59	—	27,010	27,010	0.61	0.96	0.43	27,312
2038	6.64	39.2	37.2	84.8	0.15	0.70	16.3	17.0	0.65	3.91	4.56	—	26,772	26,772	0.61	0.96	0.37	27,074
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2033	2.95	2.48	15.5	22.4	0.07	0.67	1.54	2.21	0.62	0.38	0.99	—	7,504	7,504	0.29	0.12	0.37	7,546
2034	10.7	9.00	57.0	81.5	0.26	2.35	6.77	9.12	2.17	1.86	4.02	—	28,206	28,206	1.11	0.38	0.91	28,349
2035	4.98	4.33	25.9	53.9	0.11	0.72	8.78	9.51	0.66	2.14	2.80	—	17,427	17,427	0.47	0.50	4.73	17,591
2036	3.82	3.37	19.5	47.6	0.08	0.40	9.21	9.62	0.37	2.20	2.58	—	15,147	15,147	0.34	0.52	4.77	15,316
2037	4.38	17.8	23.7	55.7	0.10	0.47	10.5	11.0	0.43	2.52	2.95	—	17,562	17,562	0.39	0.61	4.70	17,757
2038	4.73	28.0	26.6	61.5	0.11	0.50	11.4	11.9	0.47	2.75	3.21	—	19,224	19,224	0.44	0.69	4.37	19,444
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2033	0.54	0.45	2.82	4.08	0.01	0.12	0.28	0.40	0.11	0.07	0.18	—	1,242	1,242	0.05	0.02	0.06	1,249
2034	1.95	1.64	10.4	14.9	0.05	0.43	1.24	1.66	0.40	0.34	0.73	—	4,670	4,670	0.18	0.06	0.15	4,693
2035	0.91	0.79	4.72	9.85	0.02	0.13	1.60	1.73	0.12	0.39	0.51	—	2,885	2,885	0.08	0.08	0.78	2,912
2036	0.70	0.62	3.55	8.69	0.01	0.07	1.68	1.76	0.07	0.40	0.47	—	2,508	2,508	0.06	0.09	0.79	2,536
2037	0.80	3.25	4.32	10.2	0.02	0.09	1.91	2.00	0.08	0.46	0.54	—	2,908	2,908	0.06	0.10	0.78	2,940
2038	0.86	5.10	4.85	11.2	0.02	0.09	2.08	2.18	0.09	0.50	0.59	—	3,183	3,183	0.07	0.11	0.72	3,219

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2033	0.76	0.74	4.08	39.6	0.07	0.14	1.18	1.32	0.14	0.20	0.34	—	7,928	7,928	0.30	0.15	1.25	7,980
2034	3.83	3.78	20.6	192	0.36	0.72	9.50	10.2	0.72	2.61	3.33	—	39,544	39,544	1.55	0.54	2.96	39,745
2035	3.83	3.59	14.4	82.7	0.11	0.28	13.1	13.4	0.27	3.13	3.39	—	22,102	22,102	0.46	0.73	18.0	22,348
2036	3.77	3.50	14.2	81.1	0.11	0.27	13.1	13.4	0.26	3.13	3.39	—	21,861	21,861	0.46	0.73	15.5	22,105
2037	4.81	11.5	20.2	105	0.15	0.38	16.3	16.6	0.36	3.91	4.27	—	28,018	28,018	0.61	0.96	16.7	28,336
2038	4.68	11.3	19.6	103	0.15	0.37	16.3	16.6	0.36	3.91	4.27	—	27,771	27,771	0.61	0.96	14.2	28,087
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2033	3.83	3.78	20.7	192	0.36	0.73	9.50	10.2	0.73	2.61	3.33	—	39,540	39,540	1.55	0.54	0.09	39,738
2034	3.82	3.77	20.7	191	0.36	0.72	9.50	10.2	0.72	2.61	3.33	—	39,480	39,480	1.55	0.54	0.08	39,679
2035	3.81	3.77	20.6	191	0.36	0.72	13.1	13.4	0.72	3.13	3.39	—	39,424	39,424	1.55	0.73	0.47	39,618
2036	3.70	3.43	14.5	72.7	0.11	0.27	13.1	13.4	0.26	3.13	3.39	—	21,030	21,030	0.48	0.73	0.40	21,260
2037	4.73	11.4	20.5	95.1	0.15	0.38	16.3	16.6	0.36	3.91	4.27	—	27,010	27,010	0.61	0.96	0.43	27,312
2038	4.62	11.3	20.4	94.0	0.15	0.37	16.3	16.6	0.36	3.91	4.27	—	26,772	26,772	0.61	0.96	0.37	27,074
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2033	0.72	0.71	3.92	36.8	0.07	0.14	1.54	1.67	0.14	0.38	0.51	—	7,504	7,504	0.29	0.12	0.37	7,546
2034	2.73	2.69	14.8	137	0.26	0.52	6.77	7.29	0.52	1.86	2.38	—	28,206	28,206	1.11	0.38	0.91	28,349
2035	2.68	2.52	11.3	67.8	0.11	0.25	8.78	9.03	0.25	2.14	2.38	—	17,427	17,427	0.47	0.50	4.73	17,591
2036	2.64	2.45	10.4	53.1	0.08	0.20	9.21	9.41	0.19	2.20	2.39	—	15,147	15,147	0.34	0.52	4.77	15,316
2037	3.05	5.76	12.8	61.9	0.10	0.24	10.5	10.7	0.23	2.52	2.75	—	17,562	17,562	0.39	0.61	4.70	17,757
2038	3.29	8.06	14.5	68.1	0.11	0.26	11.4	11.7	0.25	2.75	3.00	—	19,224	19,224	0.44	0.69	4.37	19,444
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2033	0.13	0.13	0.72	6.71	0.01	0.02	0.28	0.31	0.02	0.07	0.09	—	1,242	1,242	0.05	0.02	0.06	1,249
2034	0.50	0.49	2.69	25.0	0.05	0.09	1.24	1.33	0.09	0.34	0.43	—	4,670	4,670	0.18	0.06	0.15	4,693
2035	0.49	0.46	2.07	12.4	0.02	0.05	1.60	1.65	0.04	0.39	0.44	—	2,885	2,885	0.08	0.08	0.78	2,912
2036	0.48	0.45	1.89	9.70	0.01	0.04	1.68	1.72	0.03	0.40	0.44	—	2,508	2,508	0.06	0.09	0.79	2,536
2037	0.56	1.05	2.34	11.3	0.02	0.04	1.91	1.96	0.04	0.46	0.50	—	2,908	2,908	0.06	0.10	0.78	2,940
2038	0.60	1.47	2.65	12.4	0.02	0.05	2.08	2.13	0.05	0.50	0.55	—	3,183	3,183	0.07	0.11	0.72	3,219

3. Construction Emissions Details

3.1. Site Preparation (2033) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.06	2.57	14.7	23.6	0.07	0.68	—	0.68	0.63	—	0.63	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.06	2.57	14.7	23.6	0.07	0.68	—	0.68	0.63	—	0.63	—	7,083	7,083	0.29	0.06	—	7,107

Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.11	0.93	5.33	8.52	0.02	0.25	—	0.25	0.23	—	0.23	—	2,561	2,561	0.10	0.02	—	2,570
Dust From Material Movement	—	—	—	—	—	—	0.25	0.25	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.17	0.97	1.55	< 0.005	0.05	—	0.05	0.04	—	0.04	—	424	424	0.02	< 0.005	—	426
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	1.00	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	277	277	< 0.005	< 0.005	0.46	278
Vendor	0.03	0.01	0.56	0.20	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	569	569	0.01	0.09	0.78	596
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.06	0.05	0.76	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	255	255	< 0.005	< 0.005	0.01	255
Vendor	0.02	0.01	0.58	0.20	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	569	569	0.01	0.09	0.02	595
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.29	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	93.2	93.2	< 0.005	< 0.005	0.07	93.5
Vendor	0.01	< 0.005	0.21	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	206	206	< 0.005	0.03	0.12	215
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.4	15.4	< 0.005	< 0.005	0.01	15.5
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.1	34.1	< 0.005	0.01	0.02	35.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2033) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.67	3.48	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.67	0.67	3.48	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	1.26	13.9	0.02	0.05	—	0.05	0.05	—	0.05	—	2,561	2,561	0.10	0.02	—	2,570
Dust From Material Movement	—	—	—	—	—	—	0.25	0.25	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.23	2.54	< 0.005	0.01	—	0.01	0.01	—	0.01	—	424	424	0.02	< 0.005	—	426
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	1.00	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	277	277	< 0.005	< 0.005	0.46	278
Vendor	0.03	0.01	0.56	0.20	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	569	569	0.01	0.09	0.78	596
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.76	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	255	255	< 0.005	< 0.005	0.01	255
Vendor	0.02	0.01	0.58	0.20	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	569	569	0.01	0.09	0.02	595
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.29	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	93.2	93.2	< 0.005	< 0.005	0.07	93.5
Vendor	0.01	< 0.005	0.21	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	206	206	< 0.005	0.03	0.12	215
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.4	15.4	< 0.005	< 0.005	0.01	15.5
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.1	34.1	< 0.005	0.01	0.02	35.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2033) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	15.2	12.7	82.7	112	0.34	3.59	—	3.59	3.30	—	3.30	—	37,266	37,266	1.51	0.30	—	37,394

Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.78	1.50	9.71	13.1	0.04	0.42	—	0.42	0.39	—	0.39	—	4,376	4,376	0.18	0.04	—	4,391
Dust From Material Movement	—	—	—	—	—	—	0.95	0.95	—	0.27	0.27	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	1.77	2.40	0.01	0.08	—	0.08	0.07	—	0.07	—	724	724	0.03	0.01	—	727
Dust From Material Movement	—	—	—	—	—	—	0.17	0.17	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.14	2.27	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	764	764	0.01	< 0.005	0.04	765
Vendor	0.07	0.04	1.55	0.54	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,510	1,510	0.03	0.23	0.05	1,579
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	90.8	90.8	< 0.005	< 0.005	0.07	91.1
Vendor	0.01	< 0.005	0.18	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	177	177	< 0.005	0.03	0.11	185
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.01	15.1
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	29.3	29.3	< 0.005	< 0.005	0.02	30.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2033) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.59	3.58	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	2.23	22.2	0.04	0.08	—	0.08	0.08	—	0.08	—	4,376	4,376	0.18	0.04	—	4,391

Dust From Material Movement	—	—	—	—	—	—	0.95	0.95	—	0.27	0.27	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.41	4.04	0.01	0.02	—	0.02	0.02	—	0.02	—	724	724	0.03	0.01	—	727
Dust From Material Movement	—	—	—	—	—	—	0.17	0.17	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.14	2.27	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	764	764	0.01	< 0.005	0.04	765
Vendor	0.07	0.04	1.55	0.54	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,510	1,510	0.03	0.23	0.05	1,579
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	90.8	90.8	< 0.005	< 0.005	0.07	91.1
Vendor	0.01	< 0.005	0.18	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	177	177	< 0.005	0.03	0.11	185
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.01	15.1
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	29.3	29.3	< 0.005	< 0.005	0.02	30.7

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2034) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	14.8	12.4	78.2	111	0.34	3.28	—	3.28	3.02	—	3.02	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	14.8	12.4	78.2	111	0.34	3.28	—	3.28	3.02	—	3.02	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.5	8.86	55.9	79.5	0.25	2.34	—	2.34	2.16	—	2.16	—	26,619	26,619	1.08	0.22	—	26,710

Dust From Material Movement	—	—	—	—	—	—	5.78	5.78	—	1.61	1.61	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.92	1.62	10.2	14.5	0.04	0.43	—	0.43	0.39	—	0.39	—	4,407	4,407	0.18	0.04	—	4,422
Dust From Material Movement	—	—	—	—	—	—	1.06	1.06	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.11	2.83	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	820	820	0.01	< 0.005	1.21	823
Vendor	0.07	0.04	1.43	0.52	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,458	1,458	0.03	0.23	1.75	1,529
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.14	2.14	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	755	755	0.01	< 0.005	0.03	756
Vendor	0.06	0.03	1.50	0.54	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,459	1,459	0.03	0.23	0.05	1,528
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.12	0.10	1.61	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	546	546	0.01	< 0.005	0.37	547
Vendor	0.05	0.03	1.07	0.38	0.01	0.01	0.37	0.38	0.01	0.10	0.11	—	1,042	1,042	0.02	0.16	0.54	1,092
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.29	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	90.4	90.4	< 0.005	< 0.005	0.06	90.6
Vendor	0.01	< 0.005	0.19	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	172	172	< 0.005	0.03	0.09	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2034) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.59	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.59	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.56	2.55	13.6	135	0.25	0.51	—	0.51	0.51	—	0.51	—	26,619	26,619	1.08	0.22	—	26,710
Dust From Material Movement	—	—	—	—	—	—	5.78	5.78	—	1.61	1.61	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47	0.47	2.48	24.6	0.04	0.09	—	0.09	0.09	—	0.09	—	4,407	4,407	0.18	0.04	—	4,422
Dust From Material Movement	—	—	—	—	—	—	1.06	1.06	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.11	2.83	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	820	820	0.01	< 0.005	1.21	823
Vendor	0.07	0.04	1.43	0.52	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,458	1,458	0.03	0.23	1.75	1,529
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.14	2.14	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	755	755	0.01	< 0.005	0.03	756
Vendor	0.06	0.03	1.50	0.54	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,459	1,459	0.03	0.23	0.05	1,528
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.12	0.10	1.61	0.00	0.00	0.62	0.62	0.00	0.15	0.15	—	546	546	0.01	< 0.005	0.37	547

Vendor	0.05	0.03	1.07	0.38	0.01	0.01	0.37	0.38	0.01	0.10	0.11	—	1,042	1,042	0.02	0.16	0.54	1,092
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.29	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	90.4	90.4	< 0.005	< 0.005	0.06	90.6
Vendor	0.01	< 0.005	0.19	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	172	172	< 0.005	0.03	0.09	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Grading (2035) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	14.4	12.1	74.1	110	0.34	3.04	—	3.04	2.80	—	2.80	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.72	1.44	8.84	13.1	0.04	0.36	—	0.36	0.33	—	0.33	—	4,449	4,449	0.18	0.04	—	4,464

Dust From Material Movement	—	—	—	—	—	—	0.97	0.97	—	0.27	0.27	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.26	1.61	2.40	0.01	0.07	—	0.07	0.06	—	0.06	—	737	737	0.03	0.01	—	739
Dust From Material Movement	—	—	—	—	—	—	0.18	0.18	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.14	2.04	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	747	747	0.01	< 0.005	0.03	748
Vendor	0.07	0.03	1.45	0.53	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,411	1,411	0.03	0.22	0.04	1,476
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	90.2	90.2	< 0.005	< 0.005	0.05	90.5
Vendor	0.01	< 0.005	0.17	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	168	168	< 0.005	0.03	0.08	176
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.9	14.9	< 0.005	< 0.005	0.01	15.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.9	27.9	< 0.005	< 0.005	0.01	29.2

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Grading (2035) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.59	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	0.43	2.27	22.5	0.04	0.08	—	0.08	0.08	—	0.08	—	4,449	4,449	0.18	0.04	—	4,464
Dust From Material Movement	—	—	—	—	—	—	0.97	0.97	—	0.27	0.27	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.41	4.11	0.01	0.02	—	0.02	0.02	—	0.02	—	737	737	0.03	0.01	—	739

Dust From Material Movement	—	—	—	—	—	—	0.18	0.18	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.14	2.04	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	747	747	0.01	< 0.005	0.03	748
Vendor	0.07	0.03	1.45	0.53	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,411	1,411	0.03	0.22	0.04	1,476
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	90.2	90.2	< 0.005	< 0.005	0.05	90.5
Vendor	0.01	< 0.005	0.17	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	168	168	< 0.005	0.03	0.08	176
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.9	14.9	< 0.005	< 0.005	0.01	15.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.9	27.9	< 0.005	< 0.005	0.01	29.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2035) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.12	2.61	22.4	38.3	0.07	0.56	—	0.56	0.51	—	0.51	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.12	2.61	22.4	38.3	0.07	0.56	—	0.56	0.51	—	0.51	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.86	1.55	13.3	22.8	0.04	0.33	—	0.33	0.31	—	0.31	—	4,430	4,430	0.18	0.04	—	4,445
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.28	2.43	4.16	0.01	0.06	—	0.06	0.06	—	0.06	—	733	733	0.03	0.01	—	736
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.22	2.20	1.46	35.5	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	10,658	10,658	0.08	0.06	13.8	10,691
Vendor	0.20	0.11	3.95	1.45	0.04	0.04	1.48	1.52	0.04	0.41	0.45	—	3,998	3,998	0.08	0.61	4.14	4,186
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.14	2.10	1.86	26.8	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	9,813	9,813	0.10	0.06	0.36	9,834
Vendor	0.18	0.10	4.12	1.49	0.04	0.04	1.48	1.52	0.04	0.41	0.45	—	4,002	4,002	0.08	0.61	0.11	4,186
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.27	1.25	1.11	16.8	0.00	0.00	6.78	6.78	0.00	1.59	1.59	—	5,911	5,911	0.06	0.03	3.54	5,926
Vendor	0.11	0.06	2.44	0.88	0.02	0.02	0.87	0.89	0.02	0.24	0.26	—	2,379	2,379	0.05	0.36	1.06	2,490
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23	0.23	0.20	3.07	0.00	0.00	1.24	1.24	0.00	0.29	0.29	—	979	979	0.01	0.01	0.59	981
Vendor	0.02	0.01	0.45	0.16	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.05	—	394	394	0.01	0.06	0.18	412
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2035) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.28	8.98	45.7	0.07	0.24	—	0.24	0.23	—	0.23	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.41	1.28	8.98	45.7	0.07	0.24	—	0.24	0.23	—	0.23	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.84	0.76	5.34	27.2	0.04	0.14	—	0.14	0.14	—	0.14	—	4,430	4,430	0.18	0.04	—	4,445
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.14	0.98	4.97	0.01	0.03	—	0.03	0.02	—	0.02	—	733	733	0.03	0.01	—	736
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.22	2.20	1.46	35.5	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	10,658	10,658	0.08	0.06	13.8	10,691
Vendor	0.20	0.11	3.95	1.45	0.04	0.04	1.48	1.52	0.04	0.41	0.45	—	3,998	3,998	0.08	0.61	4.14	4,186
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.14	2.10	1.86	26.8	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	9,813	9,813	0.10	0.06	0.36	9,834
Vendor	0.18	0.10	4.12	1.49	0.04	0.04	1.48	1.52	0.04	0.41	0.45	—	4,002	4,002	0.08	0.61	0.11	4,186
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.27	1.25	1.11	16.8	0.00	0.00	6.78	6.78	0.00	1.59	1.59	—	5,911	5,911	0.06	0.03	3.54	5,926
Vendor	0.11	0.06	2.44	0.88	0.02	0.02	0.87	0.89	0.02	0.24	0.26	—	2,379	2,379	0.05	0.36	1.06	2,490

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23	0.23	0.20	3.07	0.00	0.00	1.24	1.24	0.00	0.29	0.29	—	979	979	0.01	0.01	0.59	981
Vendor	0.02	0.01	0.45	0.16	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.05	—	394	394	0.01	0.06	0.18	412
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2036) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.06	2.56	21.7	38.0	0.07	0.53	—	0.53	0.48	—	0.48	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.06	2.56	21.7	38.0	0.07	0.53	—	0.53	0.48	—	0.48	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.19	1.83	15.5	27.2	0.05	0.38	—	0.38	0.35	—	0.35	—	5,333	5,333	0.22	0.04	—	5,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.40	0.33	2.83	4.97	0.01	0.07	—	0.07	0.06	—	0.06	—	883	883	0.04	0.01	—	886
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.16	2.12	1.46	33.9	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	10,547	10,547	0.08	0.06	12.0	10,579
Vendor	0.19	0.11	3.81	1.46	0.04	0.04	1.48	1.52	0.04	0.41	0.45	—	3,868	3,868	0.08	0.61	3.45	4,055
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.10	2.06	1.48	25.5	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	9,712	9,712	0.10	0.06	0.31	9,732
Vendor	0.18	0.10	4.03	1.49	0.04	0.04	1.48	1.52	0.04	0.41	0.45	—	3,872	3,872	0.08	0.61	0.09	4,056
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.49	1.46	1.06	19.3	0.00	0.00	8.17	8.17	0.00	1.91	1.91	—	7,043	7,043	0.07	0.04	3.71	7,061
Vendor	0.13	0.07	2.87	1.06	0.03	0.03	1.05	1.07	0.03	0.29	0.32	—	2,772	2,772	0.06	0.44	1.07	2,904
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.27	0.19	3.53	0.00	0.00	1.49	1.49	0.00	0.35	0.35	—	1,166	1,166	0.01	0.01	0.61	1,169
Vendor	0.02	0.01	0.52	0.19	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	459	459	0.01	0.07	0.18	481
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2036) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.27	8.97	45.7	0.07	0.23	—	0.23	0.23	—	0.23	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.27	8.97	45.7	0.07	0.23	—	0.23	0.23	—	0.23	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.91	6.42	32.8	0.05	0.17	—	0.17	0.16	—	0.16	—	5,333	5,333	0.22	0.04	—	5,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.17	1.17	5.98	0.01	0.03	—	0.03	0.03	—	0.03	—	883	883	0.04	0.01	—	886
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.16	2.12	1.46	33.9	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	10,547	10,547	0.08	0.06	12.0	10,579
Vendor	0.19	0.11	3.81	1.46	0.04	0.04	1.48	1.52	0.04	0.41	0.45	—	3,868	3,868	0.08	0.61	3.45	4,055
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.10	2.06	1.48	25.5	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	9,712	9,712	0.10	0.06	0.31	9,732
Vendor	0.18	0.10	4.03	1.49	0.04	0.04	1.48	1.52	0.04	0.41	0.45	—	3,872	3,872	0.08	0.61	0.09	4,056
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.49	1.46	1.06	19.3	0.00	0.00	8.17	8.17	0.00	1.91	1.91	—	7,043	7,043	0.07	0.04	3.71	7,061
Vendor	0.13	0.07	2.87	1.06	0.03	0.03	1.05	1.07	0.03	0.29	0.32	—	2,772	2,772	0.06	0.44	1.07	2,904
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.27	0.19	3.53	0.00	0.00	1.49	1.49	0.00	0.35	0.35	—	1,166	1,166	0.01	0.01	0.61	1,169
Vendor	0.02	0.01	0.52	0.19	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	459	459	0.01	0.07	0.18	481
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (2037) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.01	2.52	21.2	37.7	0.07	0.49	—	0.49	0.45	—	0.45	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.01	2.52	21.2	37.7	0.07	0.49	—	0.49	0.45	—	0.45	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.15	1.80	15.2	26.9	0.05	0.35	—	0.35	0.32	—	0.32	—	5,318	5,318	0.22	0.04	—	5,337
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.33	2.77	4.91	0.01	0.06	—	0.06	0.06	—	0.06	—	881	881	0.04	0.01	—	884
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.06	2.02	1.44	32.3	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	10,455	10,455	0.08	0.06	10.3	10,485
Vendor	0.19	0.11	3.72	1.42	0.04	0.04	1.44	1.48	0.04	0.41	0.45	—	3,755	3,755	0.08	0.57	2.83	3,930
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.00	1.97	1.46	24.6	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	9,627	9,627	0.08	0.06	0.27	9,647
Vendor	0.18	0.10	3.89	1.46	0.04	0.04	1.44	1.48	0.04	0.41	0.45	—	3,759	3,759	0.08	0.57	0.07	3,931
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.43	1.40	1.05	18.4	0.00	0.00	8.15	8.15	0.00	1.91	1.91	—	6,962	6,962	0.06	0.04	3.19	6,979
Vendor	0.13	0.07	2.77	1.03	0.03	0.03	1.01	1.04	0.03	0.29	0.32	—	2,683	2,683	0.06	0.41	0.87	2,807

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.26	0.19	3.35	0.00	0.00	1.49	1.49	0.00	0.35	0.35	—	1,153	1,153	0.01	0.01	0.53	1,156
Vendor	0.02	0.01	0.51	0.19	0.01	0.01	0.19	0.19	0.01	0.05	0.06	—	444	444	0.01	0.07	0.14	465
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (2037) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.27	8.95	45.7	0.07	0.23	—	0.23	0.22	—	0.22	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.27	8.95	45.7	0.07	0.23	—	0.23	0.22	—	0.22	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.91	6.39	32.7	0.05	0.17	—	0.17	0.16	—	0.16	—	5,318	5,318	0.22	0.04	—	5,337
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.18	0.17	1.17	5.96	0.01	0.03	—	0.03	0.03	—	0.03	—	881	881	0.04	0.01	—	884
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.06	2.02	1.44	32.3	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	10,455	10,455	0.08	0.06	10.3	10,485
Vendor	0.19	0.11	3.72	1.42	0.04	0.04	1.44	1.48	0.04	0.41	0.45	—	3,755	3,755	0.08	0.57	2.83	3,930
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.00	1.97	1.46	24.6	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	9,627	9,627	0.08	0.06	0.27	9,647
Vendor	0.18	0.10	3.89	1.46	0.04	0.04	1.44	1.48	0.04	0.41	0.45	—	3,759	3,759	0.08	0.57	0.07	3,931
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.43	1.40	1.05	18.4	0.00	0.00	8.15	8.15	0.00	1.91	1.91	—	6,962	6,962	0.06	0.04	3.19	6,979
Vendor	0.13	0.07	2.77	1.03	0.03	0.03	1.01	1.04	0.03	0.29	0.32	—	2,683	2,683	0.06	0.41	0.87	2,807
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.26	0.19	3.35	0.00	0.00	1.49	1.49	0.00	0.35	0.35	—	1,153	1,153	0.01	0.01	0.53	1,156
Vendor	0.02	0.01	0.51	0.19	0.01	0.01	0.19	0.19	0.01	0.05	0.06	—	444	444	0.01	0.07	0.14	465
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Building Construction (2038) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.99	2.50	20.9	37.6	0.07	0.47	—	0.47	0.44	—	0.44	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.99	2.50	20.9	37.6	0.07	0.47	—	0.47	0.44	—	0.44	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.13	1.79	15.0	26.8	0.05	0.34	—	0.34	0.31	—	0.31	—	5,318	5,318	0.22	0.04	—	5,337
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.33	2.73	4.90	0.01	0.06	—	0.06	0.06	—	0.06	—	881	881	0.04	0.01	—	884
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.97	1.93	1.08	31.4	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	10,372	10,372	0.08	0.06	8.90	10,400
Vendor	0.19	0.11	3.62	1.42	0.04	0.04	1.44	1.48	0.04	0.41	0.45	—	3,652	3,652	0.08	0.57	2.29	3,827
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.93	1.91	1.46	23.7	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	9,551	9,551	0.08	0.06	0.23	9,571
Vendor	0.18	0.10	3.84	1.46	0.04	0.04	1.44	1.48	0.04	0.41	0.45	—	3,656	3,656	0.08	0.57	0.06	3,829
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.36	1.35	1.04	17.7	0.00	0.00	8.15	8.15	0.00	1.91	1.91	—	6,907	6,907	0.06	0.04	2.75	6,924
Vendor	0.13	0.07	2.73	1.03	0.03	0.03	1.01	1.04	0.03	0.29	0.32	—	2,610	2,610	0.06	0.41	0.71	2,734
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.25	0.19	3.23	0.00	0.00	1.49	1.49	0.00	0.35	0.35	—	1,144	1,144	0.01	0.01	0.45	1,146
Vendor	0.02	0.01	0.50	0.19	0.01	0.01	0.19	0.19	0.01	0.05	0.06	—	432	432	0.01	0.07	0.12	453
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Building Construction (2038) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.27	8.94	45.7	0.07	0.23	—	0.23	0.22	—	0.22	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.41	1.27	8.94	45.7	0.07	0.23	—	0.23	0.22	—	0.22	—	7,446	7,446	0.30	0.06	—	7,471
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.91	6.38	32.7	0.05	0.16	—	0.16	0.16	—	0.16	—	5,318	5,318	0.22	0.04	—	5,337
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.17	1.16	5.96	0.01	0.03	—	0.03	0.03	—	0.03	—	881	881	0.04	0.01	—	884
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.97	1.93	1.08	31.4	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	10,372	10,372	0.08	0.06	8.90	10,400
Vendor	0.19	0.11	3.62	1.42	0.04	0.04	1.44	1.48	0.04	0.41	0.45	—	3,652	3,652	0.08	0.57	2.29	3,827
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.93	1.91	1.46	23.7	0.00	0.00	11.6	11.6	0.00	2.72	2.72	—	9,551	9,551	0.08	0.06	0.23	9,571
Vendor	0.18	0.10	3.84	1.46	0.04	0.04	1.44	1.48	0.04	0.41	0.45	—	3,656	3,656	0.08	0.57	0.06	3,829
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.36	1.35	1.04	17.7	0.00	0.00	8.15	8.15	0.00	1.91	1.91	—	6,907	6,907	0.06	0.04	2.75	6,924
Vendor	0.13	0.07	2.73	1.03	0.03	0.03	1.01	1.04	0.03	0.29	0.32	—	2,610	2,610	0.06	0.41	0.71	2,734

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.25	0.19	3.23	0.00	0.00	1.49	1.49	0.00	0.35	0.35	—	1,144	1,144	0.01	0.01	0.45	1,146
Vendor	0.02	0.01	0.50	0.19	0.01	0.01	0.19	0.19	0.01	0.05	0.06	—	432	432	0.01	0.07	0.12	453
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Paving (2037) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.92	0.77	8.25	14.7	0.02	0.19	—	0.19	0.17	—	0.17	—	2,266	2,266	0.09	0.02	—	2,274
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.92	0.77	8.25	14.7	0.02	0.19	—	0.19	0.17	—	0.17	—	2,266	2,266	0.09	0.02	—	2,274
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.32	3.45	6.14	0.01	0.08	—	0.08	0.07	—	0.07	—	949	949	0.04	0.01	—	952
Paving	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.63	1.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	157	157	0.01	< 0.005	—	158
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.82	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	265	265	< 0.005	< 0.005	0.26	266
Vendor	0.08	0.04	1.55	0.59	0.02	0.02	0.60	0.62	0.02	0.17	0.19	—	1,563	1,563	0.03	0.24	1.18	1,636
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.62	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	244	244	< 0.005	< 0.005	0.01	245
Vendor	0.08	0.04	1.62	0.61	0.02	0.02	0.60	0.62	0.02	0.17	0.19	—	1,564	1,564	0.03	0.24	0.03	1,636
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.27	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	104	104	< 0.005	< 0.005	0.05	104
Vendor	0.03	0.02	0.68	0.25	0.01	0.01	0.25	0.25	0.01	0.07	0.08	—	655	655	0.01	0.10	0.21	685
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	17.1	17.1	< 0.005	< 0.005	0.01	17.2
Vendor	0.01	< 0.005	0.12	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	108	108	< 0.005	0.02	0.04	113
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Paving (2037) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.42	3.26	15.7	0.02	0.08	—	0.08	0.08	—	0.08	—	2,266	2,266	0.09	0.02	—	2,274
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.42	3.26	15.7	0.02	0.08	—	0.08	0.08	—	0.08	—	2,266	2,266	0.09	0.02	—	2,274
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.17	1.36	6.60	0.01	0.03	—	0.03	0.03	—	0.03	—	949	949	0.04	0.01	—	952
Paving	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.25	1.20	< 0.005	0.01	—	0.01	0.01	—	0.01	—	157	157	0.01	< 0.005	—	158
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.82	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	265	265	< 0.005	< 0.005	0.26	266
Vendor	0.08	0.04	1.55	0.59	0.02	0.02	0.60	0.62	0.02	0.17	0.19	—	1,563	1,563	0.03	0.24	1.18	1,636
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.62	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	244	244	< 0.005	< 0.005	0.01	245
Vendor	0.08	0.04	1.62	0.61	0.02	0.02	0.60	0.62	0.02	0.17	0.19	—	1,564	1,564	0.03	0.24	0.03	1,636
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.27	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	104	104	< 0.005	< 0.005	0.05	104
Vendor	0.03	0.02	0.68	0.25	0.01	0.01	0.25	0.25	0.01	0.07	0.08	—	655	655	0.01	0.10	0.21	685
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	17.1	17.1	< 0.005	< 0.005	0.01	17.2
Vendor	0.01	< 0.005	0.12	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	108	108	< 0.005	0.02	0.04	113
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Paving (2038) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.89	0.75	8.07	14.6	0.02	0.17	—	0.17	0.16	—	0.16	—	2,266	2,266	0.09	0.02	—	2,274
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.89	0.75	8.07	14.6	0.02	0.17	—	0.17	0.16	—	0.16	—	2,266	2,266	0.09	0.02	—	2,274
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.77	10.5	0.01	0.12	—	0.12	0.11	—	0.11	—	1,619	1,619	0.07	0.01	—	1,624
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	1.05	1.91	< 0.005	0.02	—	0.02	0.02	—	0.02	—	268	268	0.01	< 0.005	—	269
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.05	0.05	0.03	0.80	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	263	263	< 0.005	< 0.005	0.23	264
Vendor	0.08	0.04	1.51	0.59	0.02	0.02	0.60	0.62	0.02	0.17	0.19	—	1,520	1,520	0.03	0.24	0.95	1,593
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.60	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	242	242	< 0.005	< 0.005	0.01	243
Vendor	0.08	0.04	1.60	0.61	0.02	0.02	0.60	0.62	0.02	0.17	0.19	—	1,522	1,522	0.03	0.24	0.02	1,593
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.45	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	175	175	< 0.005	< 0.005	0.07	176
Vendor	0.06	0.03	1.14	0.43	0.01	0.01	0.42	0.43	0.01	0.12	0.13	—	1,086	1,086	0.02	0.17	0.29	1,138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.08	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	29.0	29.0	< 0.005	< 0.005	0.01	29.1
Vendor	0.01	0.01	0.21	0.08	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	180	180	< 0.005	0.03	0.05	188
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Paving (2038) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.41	3.23	15.7	0.02	0.08	—	0.08	0.07	—	0.07	—	2,266	2,266	0.09	0.02	—	2,274
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.41	3.23	15.7	0.02	0.08	—	0.08	0.07	—	0.07	—	2,266	2,266	0.09	0.02	—	2,274
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.29	2.30	11.2	0.01	0.06	—	0.06	0.05	—	0.05	—	1,619	1,619	0.07	0.01	—	1,624
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.42	2.05	< 0.005	0.01	—	0.01	0.01	—	0.01	—	268	268	0.01	< 0.005	—	269
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.80	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	263	263	< 0.005	< 0.005	0.23	264
Vendor	0.08	0.04	1.51	0.59	0.02	0.02	0.60	0.62	0.02	0.17	0.19	—	1,520	1,520	0.03	0.24	0.95	1,593
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.05	0.05	0.04	0.60	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	242	242	< 0.005	< 0.005	0.01	243
Vendor	0.08	0.04	1.60	0.61	0.02	0.02	0.60	0.62	0.02	0.17	0.19	—	1,522	1,522	0.03	0.24	0.02	1,593
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.45	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	175	175	< 0.005	< 0.005	0.07	176
Vendor	0.06	0.03	1.14	0.43	0.01	0.01	0.42	0.43	0.01	0.12	0.13	—	1,086	1,086	0.02	0.17	0.29	1,138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.08	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	29.0	29.0	< 0.005	< 0.005	0.01	29.1
Vendor	0.01	0.01	0.21	0.08	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	180	180	< 0.005	0.03	0.05	188
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Architectural Coating (2037) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.00	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	33.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.14	0.12	1.00	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	33.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.42	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.6	74.6	< 0.005	< 0.005	—	74.8
Architectural Coatings	—	13.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.3	12.3	< 0.005	< 0.005	—	12.4
Architectural Coatings	—	2.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.40	0.29	6.46	0.00	0.00	2.32	2.32	0.00	0.54	0.54	—	2,091	2,091	0.02	0.01	2.07	2,097
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.40	0.39	0.29	4.92	0.00	0.00	2.32	2.32	0.00	0.54	0.54	—	1,925	1,925	0.02	0.01	0.05	1,929
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.12	2.15	0.00	0.00	0.96	0.96	0.00	0.22	0.22	—	816	816	0.01	< 0.005	0.37	818
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.39	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	135	135	< 0.005	< 0.005	0.06	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Architectural Coating (2037) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.00	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	6.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.14	0.12	1.00	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	6.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.42	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.6	74.6	< 0.005	< 0.005	—	74.8
Architectural Coatings	—	2.91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.3	12.3	< 0.005	< 0.005	—	12.4
Architectural Coatings	—	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.40	0.29	6.46	0.00	0.00	2.32	2.32	0.00	0.54	0.54	—	2,091	2,091	0.02	0.01	2.07	2,097
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.40	0.39	0.29	4.92	0.00	0.00	2.32	2.32	0.00	0.54	0.54	—	1,925	1,925	0.02	0.01	0.05	1,929
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.12	2.15	0.00	0.00	0.96	0.96	0.00	0.22	0.22	—	816	816	0.01	< 0.005	0.37	818
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.39	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	135	135	< 0.005	< 0.005	0.06	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Architectural Coating (2038) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	33.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	33.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.71	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	127	127	0.01	< 0.005	—	128
Architectural Coatings	—	23.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.1	21.1	< 0.005	< 0.005	—	21.1
Architectural Coatings	—	4.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.39	0.22	6.29	0.00	0.00	2.32	2.32	0.00	0.54	0.54	—	2,074	2,074	0.02	0.01	1.78	2,080
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.39	0.38	0.29	4.74	0.00	0.00	2.32	2.32	0.00	0.54	0.54	—	1,910	1,910	0.02	0.01	0.05	1,914
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.27	0.21	3.54	0.00	0.00	1.63	1.63	0.00	0.38	0.38	—	1,381	1,381	0.01	0.01	0.55	1,385
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.65	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	229	229	< 0.005	< 0.005	0.09	229
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Architectural Coating (2038) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	6.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	6.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.71	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	127	127	0.01	< 0.005	—	128
Architectural Coatings	—	4.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.1	21.1	< 0.005	< 0.005	—	21.1
Architectural Coatings	—	0.91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.39	0.22	6.29	0.00	0.00	2.32	2.32	0.00	0.54	0.54	—	2,074	2,074	0.02	0.01	1.78	2,080
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.39	0.38	0.29	4.74	0.00	0.00	2.32	2.32	0.00	0.54	0.54	—	1,910	1,910	0.02	0.01	0.05	1,914
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.27	0.21	3.54	0.00	0.00	1.63	1.63	0.00	0.38	0.38	—	1,381	1,381	0.01	0.01	0.55	1,385
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.65	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	229	229	< 0.005	< 0.005	0.09	229
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	5/1/2033	11/1/2033	5.00	132	—
Grading	Grading	11/2/2033	3/2/2035	5.00	348	—
Building Construction	Building Construction	3/3/2035	12/31/2038	5.00	1,000	—
Paving	Paving	6/1/2037	12/31/2038	5.00	415	—
Architectural Coating	Architectural Coating	6/1/2037	12/31/2038	5.00	415	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Average	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Average	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	14.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Average	4.00	8.00	376	0.38

Building Construction	Cranes	Diesel	Average	3.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	8.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	8.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	3.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	3.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Tier 4 Final	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Final	14.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Tier 4 Final	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Tier 4 Final	4.00	8.00	376	0.38
Building Construction	Cranes	Diesel	Tier 4 Final	3.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	8.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	8.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Final	3.00	8.00	81.0	0.42

Paving	Paving Equipment	Diesel	Tier 4 Final	3.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	23.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	67.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	61.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	887	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	173	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	22.5	18.5	LDA,LDT1,LDT2
Paving	Vendor	72.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT

Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	177	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	23.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	67.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	61.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	887	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	173	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	22.5	18.5	LDA,LDT1,LDT2
Paving	Vendor	72.0	10.2	HHDT,MHDT

Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	177	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	1,938,958	646,319	2,475,000	825,000	33,454

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	330	0.00	—
Grading	—	—	6,264	0.00	—
Paving	0.00	0.00	0.00	0.00	17.7

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction

Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Light Industry	0.00	0%
Unrefrigerated Warehouse-No Rail	0.00	0%
Single Family Housing	4.93	0%
Apartments Low Rise	—	0%
Strip Mall	0.00	0%
City Park	0.00	0%
Parking Lot	12.8	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2033	0.00	532	0.03	< 0.005
2034	0.00	532	0.03	< 0.005
2035	0.00	532	0.03	< 0.005
2036	0.00	532	0.03	< 0.005
2037	0.00	532	0.03	< 0.005
2038	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83

Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614

Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0

Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1

Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Construction schedule adjusted based on data from the Project team.
Construction: Off-Road Equipment	All equipment assumed to operate 8 hours per day. Crawler tractors used during site preparation and grading in lieu of tractors/loaders/backhoes to account for fugitive dust.
Construction: Trips and VMT	Vendor trips assigned to site preparation, grading, building construction, and paving based on the duration of each phase.
Construction: Architectural Coatings	Rule 1113

15218 Mesa Verde Ph4 Construction Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2037) - Unmitigated

3.2. Site Preparation (2037) - Mitigated

3.3. Grading (2037) - Unmitigated

3.4. Grading (2037) - Mitigated

3.5. Grading (2038) - Unmitigated

3.6. Grading (2038) - Mitigated

3.7. Building Construction (2038) - Unmitigated

3.8. Building Construction (2038) - Mitigated

3.9. Building Construction (2039) - Unmitigated

3.10. Building Construction (2039) - Mitigated

3.11. Building Construction (2040) - Unmitigated

3.12. Building Construction (2040) - Mitigated

3.13. Paving (2039) - Unmitigated

3.14. Paving (2039) - Mitigated

3.15. Paving (2040) - Unmitigated

3.16. Paving (2040) - Mitigated

3.17. Architectural Coating (2039) - Unmitigated

3.18. Architectural Coating (2039) - Mitigated

3.19. Architectural Coating (2040) - Unmitigated

3.20. Architectural Coating (2040) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph4 Construction
Construction Start Date	1/1/2037
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.99651242926771, -117.07481407512961
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	240	1000sqft	5.51	240,000	0.00	—	—	—

Single Family Housing	689	Dwelling Unit	224	1,343,550	8,070,158	—	2,225	—
Apartments Low Rise	194	Dwelling Unit	12.1	205,640	0.00	—	627	—
Elementary School	600	Student	1.15	50,162	0.00	0.00	—	—
City Park	16.5	Acre	16.5	0.00	0.00	0.00	—	—
Parking Lot	10.2	Acre	10.2	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.7	30.8	66.0	110	0.35	2.68	9.24	11.9	2.47	2.54	5.01	—	38,756	38,756	1.53	0.41	6.21	38,918
Mit.	3.78	8.29	19.8	191	0.35	0.71	9.24	9.96	0.71	2.54	3.25	—	38,756	38,756	1.53	0.41	6.21	38,918
% Reduced	72%	73%	70%	-75%	—	73%	—	16%	71%	—	35%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.7	30.5	66.1	109	0.35	2.68	9.24	11.9	2.47	2.54	5.01	—	38,694	38,694	1.53	0.41	0.16	38,855

Mit.	3.77	8.03	19.8	191	0.35	0.71	9.24	9.96	0.71	2.54	3.25	—	38,694	38,694	1.53	0.41	0.16	38,855
% Reduced	72%	74%	70%	-75%	—	73%	—	16%	71%	—	35%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.19	21.8	34.0	61.3	0.18	1.30	6.09	7.30	1.19	1.59	2.78	—	21,418	21,418	0.81	0.29	1.73	21,517
Mit.	2.30	5.71	11.5	103	0.18	0.38	6.09	6.39	0.38	1.59	1.97	—	21,418	21,418	0.81	0.29	1.73	21,517
% Reduced	68%	74%	66%	-68%	—	70%	—	12%	68%	—	29%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.31	3.98	6.21	11.2	0.03	0.24	1.11	1.33	0.22	0.29	0.51	—	3,546	3,546	0.13	0.05	0.29	3,562
Mit.	0.42	1.04	2.09	18.8	0.03	0.07	1.11	1.17	0.07	0.29	0.36	—	3,546	3,546	0.13	0.05	0.29	3,562
% Reduced	68%	74%	66%	-68%	—	70%	—	12%	68%	—	29%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2037	13.7	11.5	66.0	110	0.35	2.68	9.24	11.9	2.47	2.54	5.01	—	38,756	38,756	1.53	0.41	1.31	38,918
2038	13.4	11.2	62.0	107	0.35	2.53	9.24	11.8	2.32	2.54	4.86	—	38,731	38,731	1.53	0.41	5.65	38,893
2039	4.32	30.8	24.9	62.2	0.09	0.47	8.64	9.11	0.44	2.07	2.50	—	16,367	16,367	0.40	0.40	6.21	16,504
2040	4.25	30.5	24.6	61.6	0.09	0.46	8.64	9.10	0.42	2.07	2.49	—	16,280	16,280	0.38	0.40	5.23	16,415
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2037	13.7	11.5	66.1	109	0.35	2.68	9.24	11.9	2.47	2.54	5.01	—	38,694	38,694	1.53	0.41	0.03	38,855

2038	13.4	11.2	62.0	106	0.35	2.53	9.24	11.8	2.32	2.54	4.86	—	38,669	38,669	1.53	0.41	0.15	38,830
2039	4.29	30.5	25.2	57.2	0.09	0.47	8.64	9.11	0.44	2.07	2.50	—	15,821	15,821	0.40	0.40	0.16	15,952
2040	4.22	30.5	24.8	56.6	0.09	0.46	8.64	9.10	0.42	2.07	2.49	—	15,737	15,737	0.40	0.40	0.14	15,868
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2037	6.57	5.52	31.3	52.6	0.17	1.26	4.16	5.42	1.16	1.11	2.27	—	18,372	18,372	0.73	0.20	0.29	18,450
2038	7.19	6.08	34.0	61.3	0.18	1.30	6.00	7.30	1.19	1.59	2.78	—	21,418	21,418	0.81	0.26	0.80	21,517
2039	2.76	13.6	15.9	37.1	0.06	0.30	5.55	5.85	0.28	1.32	1.60	—	10,256	10,256	0.26	0.25	1.73	10,337
2040	3.02	21.8	17.9	41.2	0.07	0.33	6.09	6.41	0.30	1.45	1.76	—	11,327	11,327	0.28	0.29	1.62	11,422
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2037	1.20	1.01	5.72	9.60	0.03	0.23	0.76	0.99	0.21	0.20	0.41	—	3,042	3,042	0.12	0.03	0.05	3,055
2038	1.31	1.11	6.21	11.2	0.03	0.24	1.10	1.33	0.22	0.29	0.51	—	3,546	3,546	0.13	0.04	0.13	3,562
2039	0.50	2.48	2.89	6.77	0.01	0.05	1.01	1.07	0.05	0.24	0.29	—	1,698	1,698	0.04	0.04	0.29	1,711
2040	0.55	3.98	3.27	7.53	0.01	0.06	1.11	1.17	0.06	0.27	0.32	—	1,875	1,875	0.05	0.05	0.27	1,891

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2037	3.78	3.75	19.8	191	0.35	0.71	9.24	9.96	0.71	2.54	3.25	—	38,756	38,756	1.53	0.41	1.31	38,918
2038	3.77	3.74	19.7	191	0.35	0.71	9.24	9.96	0.71	2.54	3.25	—	38,731	38,731	1.53	0.41	5.65	38,893
2039	2.81	8.29	12.2	68.8	0.09	0.24	8.64	8.88	0.24	2.07	2.30	—	16,367	16,367	0.40	0.40	6.21	16,504
2040	2.76	8.01	12.1	68.2	0.09	0.24	8.64	8.88	0.23	2.07	2.30	—	16,280	16,280	0.38	0.40	5.23	16,415
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2037	3.77	3.74	19.8	191	0.35	0.71	9.24	9.96	0.71	2.54	3.25	—	38,694	38,694	1.53	0.41	0.03	38,855

2038	3.77	3.74	19.8	191	0.35	0.71	9.24	9.96	0.71	2.54	3.25	—	38,669	38,669	1.53	0.41	0.15	38,830
2039	2.78	8.03	12.6	63.8	0.09	0.24	8.64	8.88	0.24	2.07	2.30	—	15,821	15,821	0.40	0.40	0.16	15,952
2040	2.73	7.98	12.3	63.2	0.09	0.24	8.64	8.88	0.23	2.07	2.30	—	15,737	15,737	0.40	0.40	0.14	15,868
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2037	1.79	1.77	9.38	91.2	0.17	0.34	4.16	4.50	0.34	1.11	1.44	—	18,372	18,372	0.73	0.20	0.29	18,450
2038	2.30	2.26	11.5	103	0.18	0.38	6.00	6.39	0.38	1.59	1.97	—	21,418	21,418	0.81	0.26	0.80	21,517
2039	1.77	3.87	7.74	41.6	0.06	0.16	5.55	5.70	0.15	1.32	1.47	—	10,256	10,256	0.26	0.25	1.73	10,337
2040	1.96	5.71	8.96	46.0	0.07	0.17	6.09	6.26	0.17	1.45	1.62	—	11,327	11,327	0.28	0.29	1.62	11,422
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2037	0.33	0.32	1.71	16.6	0.03	0.06	0.76	0.82	0.06	0.20	0.26	—	3,042	3,042	0.12	0.03	0.05	3,055
2038	0.42	0.41	2.09	18.8	0.03	0.07	1.10	1.17	0.07	0.29	0.36	—	3,546	3,546	0.13	0.04	0.13	3,562
2039	0.32	0.71	1.41	7.59	0.01	0.03	1.01	1.04	0.03	0.24	0.27	—	1,698	1,698	0.04	0.04	0.29	1,711
2040	0.36	1.04	1.64	8.39	0.01	0.03	1.11	1.14	0.03	0.27	0.30	—	1,875	1,875	0.05	0.05	0.27	1,891

3. Construction Emissions Details

3.1. Site Preparation (2037) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.82	2.37	12.5	23.3	0.07	0.49	—	0.49	0.45	—	0.45	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.82	2.37	12.5	23.3	0.07	0.49	—	0.49	0.45	—	0.45	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83	0.70	3.70	6.91	0.02	0.15	—	0.15	0.13	—	0.13	—	2,096	2,096	0.09	0.02	—	2,103
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.67	1.26	< 0.005	0.03	—	0.03	0.02	—	0.02	—	347	347	0.01	< 0.005	—	348
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.82	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	265	265	< 0.005	< 0.005	0.26	266
Vendor	0.01	0.01	0.24	0.09	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	239	239	0.01	0.04	0.18	250
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.62	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	244	244	< 0.005	< 0.005	0.01	245
Vendor	0.01	0.01	0.25	0.09	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	239	239	0.01	0.04	< 0.005	250
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.19	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	73.1	73.1	< 0.005	< 0.005	0.03	73.3
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	70.7	70.7	< 0.005	0.01	0.02	73.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	12.1	12.1	< 0.005	< 0.005	0.01	12.1
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	< 0.005	12.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2037) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.67	0.67	3.48	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.67	3.48	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	1.03	11.4	0.02	0.04	—	0.04	0.04	—	0.04	—	2,096	2,096	0.09	0.02	—	2,103
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.19	2.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	347	347	0.01	< 0.005	—	348
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.82	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	265	265	< 0.005	< 0.005	0.26	266
Vendor	0.01	0.01	0.24	0.09	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	239	239	0.01	0.04	0.18	250
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.62	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	244	244	< 0.005	< 0.005	0.01	245
Vendor	0.01	0.01	0.25	0.09	< 0.005	< 0.005	0.09	0.09	< 0.005	0.03	0.03	—	239	239	0.01	0.04	< 0.005	250
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.19	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	73.1	73.1	< 0.005	< 0.005	0.03	73.3
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	70.7	70.7	< 0.005	0.01	0.02	73.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	12.1	12.1	< 0.005	< 0.005	0.01	12.1
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	< 0.005	12.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2037) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	13.5	11.4	65.2	107	0.34	2.67	—	2.67	2.46	—	2.46	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	13.5	11.4	65.2	107	0.34	2.67	—	2.67	2.46	—	2.46	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.64	4.74	27.2	44.6	0.14	1.11	—	1.11	1.02	—	1.02	—	15,533	15,533	0.63	0.13	—	15,587
Dust From Material Movement	—	—	—	—	—	—	3.37	3.37	—	0.94	0.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.86	4.96	8.13	0.03	0.20	—	0.20	0.19	—	0.19	—	2,572	2,572	0.10	0.02	—	2,581

Dust From Material Movement	—	—	—	—	—	—	0.62	0.62	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.15	0.11	2.46	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	795	795	0.01	< 0.005	0.79	798
Vendor	0.04	0.02	0.69	0.26	0.01	0.01	0.27	0.27	0.01	0.08	0.08	—	695	695	0.01	0.11	0.52	727
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.15	0.11	1.87	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	732	732	0.01	< 0.005	0.02	734
Vendor	0.03	0.02	0.72	0.27	0.01	0.01	0.27	0.27	0.01	0.08	0.08	—	695	695	0.01	0.11	0.01	727
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.82	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	309	309	< 0.005	< 0.005	0.14	310
Vendor	0.01	0.01	0.30	0.11	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	290	290	0.01	0.04	0.09	303
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	51.2	51.2	< 0.005	< 0.005	0.02	51.3
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	48.0	48.0	< 0.005	0.01	0.02	50.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2037) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.59	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.59	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.49	1.49	7.92	78.7	0.14	0.29	—	0.29	0.29	—	0.29	—	15,533	15,533	0.63	0.13	—	15,587
Dust From Material Movement	—	—	—	—	—	—	3.37	3.37	—	0.94	0.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.27	1.45	14.4	0.03	0.05	—	0.05	0.05	—	0.05	—	2,572	2,572	0.10	0.02	—	2,581
Dust From Material Movement	—	—	—	—	—	—	0.62	0.62	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.15	0.11	2.46	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	795	795	0.01	< 0.005	0.79	798
Vendor	0.04	0.02	0.69	0.26	0.01	0.01	0.27	0.27	0.01	0.08	0.08	—	695	695	0.01	0.11	0.52	727
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.15	0.11	1.87	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	732	732	0.01	< 0.005	0.02	734
Vendor	0.03	0.02	0.72	0.27	0.01	0.01	0.27	0.27	0.01	0.08	0.08	—	695	695	0.01	0.11	0.01	727
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.82	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	309	309	< 0.005	< 0.005	0.14	310
Vendor	0.01	0.01	0.30	0.11	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	290	290	0.01	0.04	0.09	303
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	51.2	51.2	< 0.005	< 0.005	0.02	51.3
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	48.0	48.0	< 0.005	0.01	0.02	50.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2038) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	13.2	11.1	61.2	104	0.34	2.52	—	2.52	2.32	—	2.32	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	13.2	11.1	61.2	104	0.34	2.52	—	2.52	2.32	—	2.32	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.32	5.31	29.3	50.0	0.17	1.21	—	1.21	1.11	—	1.11	—	17,867	17,867	0.72	0.14	—	17,929
Dust From Material Movement	—	—	—	—	—	—	3.88	3.88	—	1.08	1.08	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.15	0.97	5.36	9.12	0.03	0.22	—	0.22	0.20	—	0.20	—	2,958	2,958	0.12	0.02	—	2,968
Dust From Material Movement	—	—	—	—	—	—	0.71	0.71	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.15	0.08	2.39	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	789	789	0.01	< 0.005	0.68	791
Vendor	0.04	0.02	0.67	0.26	0.01	0.01	0.27	0.27	0.01	0.08	0.08	—	676	676	0.01	0.11	0.42	708
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.15	0.11	1.80	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	727	727	0.01	< 0.005	0.02	728
Vendor	0.03	0.02	0.71	0.27	0.01	0.01	0.27	0.27	0.01	0.08	0.08	—	676	676	0.01	0.11	0.01	708
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.90	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	353	353	< 0.005	< 0.005	0.14	354
Vendor	0.02	0.01	0.34	0.13	< 0.005	< 0.005	0.13	0.13	< 0.005	0.04	0.04	—	324	324	0.01	0.05	0.09	339
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	58.4	58.4	< 0.005	< 0.005	0.02	58.5
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	53.6	53.6	< 0.005	0.01	0.01	56.2

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2038) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.58	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.58	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.72	1.71	9.10	90.5	0.17	0.34	—	0.34	0.34	—	0.34	—	17,867	17,867	0.72	0.14	—	17,929

Dust From Material Movement	—	—	—	—	—	—	3.88	3.88	—	1.08	1.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.31	1.66	16.5	0.03	0.06	—	0.06	0.06	—	0.06	—	2,958	2,958	0.12	0.02	—	2,968
Dust From Material Movement	—	—	—	—	—	—	0.71	0.71	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.15	0.08	2.39	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	789	789	0.01	< 0.005	0.68	791
Vendor	0.04	0.02	0.67	0.26	0.01	0.01	0.27	0.27	0.01	0.08	0.08	—	676	676	0.01	0.11	0.42	708
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.15	0.11	1.80	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	727	727	0.01	< 0.005	0.02	728
Vendor	0.03	0.02	0.71	0.27	0.01	0.01	0.27	0.27	0.01	0.08	0.08	—	676	676	0.01	0.11	0.01	708
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.90	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	353	353	< 0.005	< 0.005	0.14	354
Vendor	0.02	0.01	0.34	0.13	< 0.005	< 0.005	0.13	0.13	< 0.005	0.04	0.04	—	324	324	0.01	0.05	0.09	339
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	58.4	58.4	< 0.005	< 0.005	0.02	58.5
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	53.6	53.6	< 0.005	0.01	0.01	56.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2038) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.25	1.88	16.1	30.0	0.06	0.35	—	0.35	0.32	—	0.32	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.25	1.88	16.1	30.0	0.06	0.35	—	0.35	0.32	—	0.32	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.44	3.78	7.03	0.01	0.08	—	0.08	0.08	—	0.08	—	1,339	1,339	0.05	0.01	—	1,343
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.69	1.28	< 0.005	0.01	—	0.01	0.01	—	0.01	—	222	222	0.01	< 0.005	—	222

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.08	1.05	0.59	17.2	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,677	5,677	0.04	0.03	4.87	5,692
Vendor	0.07	0.04	1.24	0.48	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,245	1,245	0.03	0.19	0.78	1,305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.04	0.80	13.0	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,227	5,227	0.04	0.03	0.13	5,238
Vendor	0.06	0.03	1.31	0.50	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,247	1,247	0.03	0.19	0.02	1,306
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.24	0.19	3.19	0.00	0.00	1.47	1.47	0.00	0.34	0.34	—	1,243	1,243	0.01	0.01	0.49	1,246
Vendor	0.02	0.01	0.31	0.12	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.04	—	293	293	0.01	0.05	0.08	307
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.58	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	206	206	< 0.005	< 0.005	0.08	206
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	48.4	48.4	< 0.005	0.01	0.01	50.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2038) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.32	35.6	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.32	35.6	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.22	1.48	8.37	0.01	0.04	—	0.04	0.04	—	0.04	—	1,339	1,339	0.05	0.01	—	1,343
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.27	1.53	< 0.005	0.01	—	0.01	0.01	—	0.01	—	222	222	0.01	< 0.005	—	222
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.08	1.05	0.59	17.2	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,677	5,677	0.04	0.03	4.87	5,692
Vendor	0.07	0.04	1.24	0.48	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,245	1,245	0.03	0.19	0.78	1,305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.05	1.04	0.80	13.0	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,227	5,227	0.04	0.03	0.13	5,238
Vendor	0.06	0.03	1.31	0.50	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,247	1,247	0.03	0.19	0.02	1,306
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.24	0.19	3.19	0.00	0.00	1.47	1.47	0.00	0.34	0.34	—	1,243	1,243	0.01	0.01	0.49	1,246
Vendor	0.02	0.01	0.31	0.12	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.04	—	293	293	0.01	0.05	0.08	307
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.58	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	206	206	< 0.005	< 0.005	0.08	206
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	48.4	48.4	< 0.005	0.01	0.01	50.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2039) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.23	1.86	15.8	29.8	0.06	0.33	—	0.33	0.31	—	0.31	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.23	1.86	15.8	29.8	0.06	0.33	—	0.33	0.31	—	0.31	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.59	1.33	11.3	21.3	0.04	0.24	—	0.24	0.22	—	0.22	—	4,072	4,072	0.17	0.03	—	4,086
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.24	2.06	3.89	0.01	0.04	—	0.04	0.04	—	0.04	—	674	674	0.03	0.01	—	677
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.02	1.00	0.58	16.5	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,637	5,637	0.04	0.03	4.19	5,652
Vendor	0.07	0.04	1.22	0.49	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,215	1,215	0.03	0.18	0.63	1,270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.00	0.79	0.79	12.5	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,192	5,192	0.04	0.03	0.11	5,203
Vendor	0.06	0.03	1.28	0.50	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,216	1,216	0.03	0.18	0.02	1,271
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.71	0.56	0.57	9.35	0.00	0.00	4.46	4.46	0.00	1.04	1.04	—	3,755	3,755	0.03	0.02	1.29	3,763
Vendor	0.05	0.03	0.91	0.35	0.01	0.01	0.35	0.36	0.01	0.10	0.11	—	868	868	0.02	0.13	0.19	907

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.10	1.71	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	622	622	0.01	< 0.005	0.21	623
Vendor	0.01	< 0.005	0.17	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	144	144	< 0.005	0.02	0.03	150
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2039) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.32	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.32	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.66	4.51	25.5	0.04	0.12	—	0.12	0.12	—	0.12	—	4,072	4,072	0.17	0.03	—	4,086
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.13	0.12	0.82	4.65	0.01	0.02	—	0.02	0.02	—	0.02	—	674	674	0.03	0.01	—	677
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.02	1.00	0.58	16.5	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,637	5,637	0.04	0.03	4.19	5,652
Vendor	0.07	0.04	1.22	0.49	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,215	1,215	0.03	0.18	0.63	1,270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.00	0.79	0.79	12.5	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,192	5,192	0.04	0.03	0.11	5,203
Vendor	0.06	0.03	1.28	0.50	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,216	1,216	0.03	0.18	0.02	1,271
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.71	0.56	0.57	9.35	0.00	0.00	4.46	4.46	0.00	1.04	1.04	—	3,755	3,755	0.03	0.02	1.29	3,763
Vendor	0.05	0.03	0.91	0.35	0.01	0.01	0.35	0.36	0.01	0.10	0.11	—	868	868	0.02	0.13	0.19	907
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.10	1.71	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	622	622	0.01	< 0.005	0.21	623
Vendor	0.01	< 0.005	0.17	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	144	144	< 0.005	0.02	0.03	150
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2040) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21	1.85	15.7	29.8	0.06	0.32	—	0.32	0.30	—	0.30	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21	1.85	15.7	29.8	0.06	0.32	—	0.32	0.30	—	0.30	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.58	1.33	11.2	21.3	0.04	0.23	—	0.23	0.21	—	0.21	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.24	2.05	3.89	0.01	0.04	—	0.04	0.04	—	0.04	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.77	0.58	16.1	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,603	5,603	0.03	0.03	3.57	5,617
Vendor	0.07	0.04	1.19	0.48	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,187	1,187	0.03	0.18	0.50	1,243
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.96	0.75	0.59	12.0	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,160	5,160	0.04	0.03	0.09	5,171
Vendor	0.06	0.03	1.26	0.49	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,189	1,189	0.03	0.18	0.01	1,244
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.69	0.54	0.56	9.19	0.00	0.00	4.47	4.47	0.00	1.05	1.05	—	3,742	3,742	0.03	0.02	1.11	3,751
Vendor	0.05	0.03	0.90	0.35	0.01	0.01	0.35	0.36	0.01	0.10	0.11	—	851	851	0.02	0.13	0.15	890
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.10	1.68	0.00	0.00	0.82	0.82	0.00	0.19	0.19	—	620	620	0.01	< 0.005	0.18	621
Vendor	0.01	< 0.005	0.16	0.06	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	141	141	< 0.005	0.02	0.03	147
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2040) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.66	4.52	25.5	0.04	0.12	—	0.12	0.12	—	0.12	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.12	0.83	4.66	0.01	0.02	—	0.02	0.02	—	0.02	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.77	0.58	16.1	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,603	5,603	0.03	0.03	3.57	5,617
Vendor	0.07	0.04	1.19	0.48	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,187	1,187	0.03	0.18	0.50	1,243
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.96	0.75	0.59	12.0	0.00	0.00	6.35	6.35	0.00	1.49	1.49	—	5,160	5,160	0.04	0.03	0.09	5,171
Vendor	0.06	0.03	1.26	0.49	0.01	0.01	0.49	0.50	0.01	0.14	0.15	—	1,189	1,189	0.03	0.18	0.01	1,244
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.69	0.54	0.56	9.19	0.00	0.00	4.47	4.47	0.00	1.05	1.05	—	3,742	3,742	0.03	0.02	1.11	3,751
Vendor	0.05	0.03	0.90	0.35	0.01	0.01	0.35	0.36	0.01	0.10	0.11	—	851	851	0.02	0.13	0.15	890

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.10	1.68	0.00	0.00	0.82	0.82	0.00	0.19	0.19	—	620	620	0.01	< 0.005	0.18	621
Vendor	0.01	< 0.005	0.16	0.06	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	141	141	< 0.005	0.02	0.03	147
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (2039) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.49	5.31	9.75	0.01	0.11	—	0.11	0.10	—	0.10	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.49	5.31	9.75	0.01	0.11	—	0.11	0.10	—	0.10	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.21	2.22	4.08	0.01	0.05	—	0.05	0.04	—	0.04	—	633	633	0.03	0.01	—	635
Paving	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.41	0.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	105	105	< 0.005	< 0.005	—	105
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.51	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	174	174	< 0.005	< 0.005	0.13	175
Vendor	0.04	0.02	0.83	0.33	0.01	0.01	0.33	0.34	0.01	0.09	0.10	—	824	824	0.02	0.12	0.42	861
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.39	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	160	160	< 0.005	< 0.005	< 0.005	161
Vendor	0.04	0.02	0.87	0.34	0.01	0.01	0.33	0.34	0.01	0.09	0.10	—	825	825	0.02	0.12	0.01	862
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	68.0	68.0	< 0.005	< 0.005	0.02	68.2
Vendor	0.02	0.01	0.36	0.14	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	345	345	0.01	0.05	0.08	361
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	< 0.005	11.3
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	57.1	57.1	< 0.005	0.01	0.01	59.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Paving (2039) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.27	2.14	10.5	0.01	0.05	—	0.05	0.05	—	0.05	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.27	2.14	10.5	0.01	0.05	—	0.05	0.05	—	0.05	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.11	0.90	4.39	0.01	0.02	—	0.02	0.02	—	0.02	—	633	633	0.03	0.01	—	635
Paving	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	105	105	< 0.005	< 0.005	—	105
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.51	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	174	174	< 0.005	< 0.005	0.13	175
Vendor	0.04	0.02	0.83	0.33	0.01	0.01	0.33	0.34	0.01	0.09	0.10	—	824	824	0.02	0.12	0.42	861
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.39	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	160	160	< 0.005	< 0.005	< 0.005	161
Vendor	0.04	0.02	0.87	0.34	0.01	0.01	0.33	0.34	0.01	0.09	0.10	—	825	825	0.02	0.12	0.01	862
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	68.0	68.0	< 0.005	< 0.005	0.02	68.2
Vendor	0.02	0.01	0.36	0.14	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	345	345	0.01	0.05	0.08	361
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	< 0.005	11.3
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	57.1	57.1	< 0.005	0.01	0.01	59.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Paving (2040) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.49	5.27	9.75	0.01	0.11	—	0.11	0.10	—	0.10	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.49	5.27	9.75	0.01	0.11	—	0.11	0.10	—	0.10	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	0.35	3.78	6.98	0.01	0.08	—	0.08	0.07	—	0.07	—	1,082	1,082	0.04	0.01	—	1,086
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.69	1.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	179	179	0.01	< 0.005	—	180
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03	0.02	0.02	0.50	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	173	173	< 0.005	< 0.005	0.11	174
Vendor	0.04	0.02	0.81	0.32	0.01	0.01	0.33	0.34	0.01	0.09	0.10	—	805	805	0.02	0.12	0.34	843
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.37	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	159	159	< 0.005	< 0.005	< 0.005	160
Vendor	0.04	0.02	0.86	0.33	0.01	0.01	0.33	0.34	0.01	0.09	0.10	—	806	806	0.02	0.12	0.01	843
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.03	116
Vendor	0.03	0.02	0.61	0.23	0.01	0.01	0.24	0.24	0.01	0.07	0.07	—	577	577	0.01	0.09	0.11	604
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	19.1	19.1	< 0.005	< 0.005	0.01	19.2
Vendor	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	95.5	95.5	< 0.005	0.01	0.02	99.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Paving (2040) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.26	2.13	10.5	0.01	0.05	—	0.05	0.05	—	0.05	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.26	2.13	10.5	0.01	0.05	—	0.05	0.05	—	0.05	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.19	1.53	7.51	0.01	0.03	—	0.03	0.03	—	0.03	—	1,082	1,082	0.04	0.01	—	1,086
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.28	1.37	< 0.005	0.01	—	0.01	0.01	—	0.01	—	179	179	0.01	< 0.005	—	180
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.50	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	173	173	< 0.005	< 0.005	0.11	174
Vendor	0.04	0.02	0.81	0.32	0.01	0.01	0.33	0.34	0.01	0.09	0.10	—	805	805	0.02	0.12	0.34	843
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03	0.02	0.02	0.37	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	159	159	< 0.005	< 0.005	< 0.005	160
Vendor	0.04	0.02	0.86	0.33	0.01	0.01	0.33	0.34	0.01	0.09	0.10	—	806	806	0.02	0.12	0.01	843
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.03	116
Vendor	0.03	0.02	0.61	0.23	0.01	0.01	0.24	0.24	0.01	0.07	0.07	—	577	577	0.01	0.09	0.11	604
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	19.1	19.1	< 0.005	< 0.005	0.01	19.2
Vendor	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	95.5	95.5	< 0.005	0.01	0.02	99.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Architectural Coating (2039) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	27.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	27.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.42	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.6	74.6	< 0.005	< 0.005	—	74.8
Architectural Coatings	—	11.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.3	12.3	< 0.005	< 0.005	—	12.4
Architectural Coatings	—	2.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.20	0.12	3.31	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,127	1,127	0.01	0.01	0.84	1,130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.20	0.16	0.16	2.50	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,038	1,038	0.01	0.01	0.02	1,041
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.10	0.00	0.00	0.52	0.52	0.00	0.12	0.12	—	440	440	< 0.005	< 0.005	0.15	441
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.20	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	72.9	72.9	< 0.005	< 0.005	0.03	73.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Architectural Coating (2039) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.42	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.6	74.6	< 0.005	< 0.005	—	74.8
Architectural Coatings	—	2.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.3	12.3	< 0.005	< 0.005	—	12.4
Architectural Coatings	—	0.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.20	0.12	3.31	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,127	1,127	0.01	0.01	0.84	1,130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.20	0.16	0.16	2.50	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,038	1,038	0.01	0.01	0.02	1,041
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.10	0.00	0.00	0.52	0.52	0.00	0.12	0.12	—	440	440	< 0.005	< 0.005	0.15	441
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.20	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	72.9	72.9	< 0.005	< 0.005	0.03	73.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Architectural Coating (2040) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	27.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	27.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.71	1.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	128	128	0.01	< 0.005	—	128
Architectural Coatings	—	19.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.1	21.1	< 0.005	< 0.005	—	21.2
Architectural Coatings	—	3.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.15	0.12	3.22	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,121	1,121	0.01	0.01	0.71	1,123
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.19	0.15	0.12	2.40	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,032	1,032	0.01	0.01	0.02	1,034
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.11	0.11	1.84	0.00	0.00	0.89	0.89	0.00	0.21	0.21	—	748	748	0.01	< 0.005	0.22	750
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.34	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	124	124	< 0.005	< 0.005	0.04	124
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Architectural Coating (2040) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.71	1.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	128	128	0.01	< 0.005	—	128
Architectural Coatings	—	4.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.1	21.1	< 0.005	< 0.005	—	21.2
Architectural Coatings	—	0.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.15	0.12	3.22	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,121	1,121	0.01	0.01	0.71	1,123
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.19	0.15	0.12	2.40	0.00	0.00	1.27	1.27	0.00	0.30	0.30	—	1,032	1,032	0.01	0.01	0.02	1,034
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.11	0.11	1.84	0.00	0.00	0.89	0.89	0.00	0.21	0.21	—	748	748	0.01	< 0.005	0.22	750
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.34	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	124	124	< 0.005	< 0.005	0.04	124
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	1/1/2037	6/1/2037	5.00	108	—
Grading	Grading	6/2/2037	9/2/2038	5.00	328	—
Building Construction	Building Construction	9/3/2038	12/31/2040	5.00	607	—
Paving	Paving	6/1/2039	12/31/2040	5.00	414	—
Architectural Coating	Architectural Coating	6/1/2039	12/31/2040	5.00	414	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Average	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Average	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	14.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Average	4.00	8.00	376	0.38

Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	7.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Tier 4 Final	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Final	14.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Tier 4 Final	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Tier 4 Final	4.00	8.00	376	0.38
Building Construction	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	7.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42

Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	11.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	67.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	32.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	486	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	59.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	40.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT

Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	97.1	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	11.0	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	67.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	32.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	486	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	59.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	40.0	10.2	HHDT,MHDT

Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	97.1	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	3,137,110	1,045,703	435,243	145,081	26,737

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	270	0.00	—
Grading	—	—	5,904	0.00	—
Paving	0.00	0.00	0.00	0.00	17.8

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction

Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Office Building	0.00	0%
Single Family Housing	7.59	0%
Apartments Low Rise	—	0%
Elementary School	0.00	0%
City Park	0.00	0%
Parking Lot	10.2	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2037	0.00	532	0.03	< 0.005
2038	0.00	532	0.03	< 0.005
2039	0.00	532	0.03	< 0.005
2040	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat

Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6

Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—

Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—

Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Construction: Construction Phases	Construction schedule adjusted based on data from the Project team.
Construction: Off-Road Equipment	All equipment will operate 8 hours per day. Crawler tractors assumed in lieu of tractors/loaders/backhoes during site preparation and grading in order to account for fugitive dust.
Construction: Trips and VMT	Vendor trips assigned to site preparation, grading, building construction, and paving based on the duration of each phase.
Construction: Architectural Coatings	Rule 1113

15218 Mesa Verde Ph5 Construction Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2041) - Unmitigated

3.2. Site Preparation (2041) - Mitigated

3.3. Grading (2041) - Unmitigated

3.4. Grading (2041) - Mitigated

3.5. Grading (2042) - Unmitigated

3.6. Grading (2042) - Mitigated

3.7. Building Construction (2042) - Unmitigated

3.8. Building Construction (2042) - Mitigated

3.9. Building Construction (2043) - Unmitigated

3.10. Building Construction (2043) - Mitigated

3.11. Building Construction (2044) - Unmitigated

3.12. Building Construction (2044) - Mitigated

3.13. Building Construction (2045) - Unmitigated

3.14. Building Construction (2045) - Mitigated

3.15. Paving (2044) - Unmitigated

3.16. Paving (2044) - Mitigated

3.17. Paving (2045) - Unmitigated

3.18. Paving (2045) - Mitigated

3.19. Architectural Coating (2044) - Unmitigated

3.20. Architectural Coating (2044) - Mitigated

3.21. Architectural Coating (2045) - Unmitigated

3.22. Architectural Coating (2045) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph5 Construction
Construction Start Date	1/1/2041
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.99632739571629, -117.07459033936208
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Single Family Housing	547	Dwelling Unit	178	1,066,650	6,406,933	—	1,767	—

Apartments Low Rise	249	Dwelling Unit	15.6	263,940	0.00	—	804	—
Elementary School	600	Student	1.15	50,162	0.00	0.00	—	—
City Park	12.2	Acre	12.2	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.6	23.8	54.1	101	0.35	2.20	9.11	11.3	2.03	2.50	4.53	—	38,356	38,356	1.52	0.36	2.41	38,501
Mit.	3.73	6.15	19.4	191	0.35	0.71	9.11	9.82	0.71	2.50	3.21	—	38,356	38,356	1.52	0.36	2.41	38,501
% Reduced	70%	74%	64%	-90%	—	68%	—	13%	65%	—	29%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.6	23.8	54.1	100	0.35	2.20	9.11	11.3	2.03	2.50	4.53	—	38,295	38,295	1.52	0.36	0.06	38,440
Mit.	3.73	6.13	19.4	190	0.35	0.71	9.11	9.82	0.71	2.50	3.21	—	38,295	38,295	1.52	0.36	0.06	38,440
% Reduced	70%	74%	64%	-90%	—	68%	—	13%	65%	—	29%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.68	17.0	28.4	53.6	0.18	1.15	5.02	5.78	1.06	1.29	2.28	—	20,059	20,059	0.80	0.21	0.63	20,135
Mit.	1.95	4.37	10.1	100	0.18	0.37	5.02	5.30	0.37	1.29	1.60	—	20,059	20,059	0.80	0.21	0.63	20,135
% Reduced	71%	74%	64%	-87%	—	68%	—	8%	65%	—	30%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.22	3.10	5.18	9.78	0.03	0.21	0.92	1.06	0.19	0.24	0.42	—	3,321	3,321	0.13	0.04	0.10	3,334
Mit.	0.36	0.80	1.85	18.3	0.03	0.07	0.92	0.97	0.07	0.24	0.29	—	3,321	3,321	0.13	0.04	0.10	3,334
% Reduced	71%	74%	64%	-87%	—	68%	—	8%	65%	—	30%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2041	12.6	10.6	54.1	101	0.35	2.20	9.11	11.3	2.03	2.50	4.53	—	38,356	38,356	1.52	0.36	0.53	38,501
2042	12.5	10.5	52.4	98.9	0.35	2.12	9.11	11.2	1.95	2.50	4.46	—	38,347	38,347	1.52	0.36	2.41	38,491
2043	2.96	2.41	16.7	42.2	0.07	0.31	5.62	5.92	0.28	1.34	1.62	—	11,191	11,191	0.28	0.22	2.03	11,265
2044	3.61	23.8	23.2	56.1	0.09	0.39	7.04	7.43	0.36	1.68	2.04	—	14,332	14,332	0.36	0.30	2.16	14,433
2045	3.56	23.8	23.0	55.9	0.09	0.37	7.04	7.41	0.34	1.68	2.02	—	14,297	14,297	0.36	0.29	1.82	14,394
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2041	12.6	10.6	54.1	100	0.35	2.20	9.11	11.3	2.03	2.50	4.53	—	38,295	38,295	1.52	0.36	0.01	38,440
2042	12.5	10.5	52.5	98.4	0.35	2.12	9.11	11.2	1.95	2.50	4.46	—	38,286	38,286	1.52	0.36	0.06	38,430

2043	2.79	2.40	16.8	39.2	0.07	0.31	5.62	5.92	0.28	1.34	1.62	—	10,835	10,835	0.29	0.22	0.05	10,908
2044	3.60	23.8	23.3	52.4	0.09	0.39	7.04	7.43	0.36	1.68	2.04	—	13,894	13,894	0.36	0.30	0.06	13,993
2045	3.55	23.8	23.1	52.2	0.09	0.37	7.04	7.41	0.34	1.68	2.02	—	13,861	13,861	0.36	0.30	0.05	13,960
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2041	6.68	5.61	28.4	53.6	0.18	1.15	4.59	5.73	1.06	1.23	2.28	—	20,059	20,059	0.80	0.19	0.13	20,135
2042	4.98	4.15	22.7	46.1	0.13	0.77	5.02	5.78	0.71	1.29	2.00	—	15,996	15,996	0.58	0.20	0.49	16,071
2043	1.99	1.72	12.0	28.3	0.05	0.22	3.95	4.17	0.20	0.94	1.14	—	7,776	7,776	0.21	0.16	0.63	7,828
2044	2.32	10.7	14.7	33.9	0.06	0.25	4.54	4.79	0.23	1.08	1.31	—	9,074	9,074	0.24	0.19	0.61	9,138
2045	2.53	17.0	16.5	37.7	0.06	0.26	4.94	5.21	0.24	1.18	1.42	—	9,945	9,945	0.26	0.21	0.56	10,016
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2041	1.22	1.02	5.18	9.78	0.03	0.21	0.84	1.05	0.19	0.22	0.42	—	3,321	3,321	0.13	0.03	0.02	3,334
2042	0.91	0.76	4.15	8.41	0.02	0.14	0.92	1.06	0.13	0.24	0.37	—	2,648	2,648	0.10	0.03	0.08	2,661
2043	0.36	0.31	2.19	5.17	0.01	0.04	0.72	0.76	0.04	0.17	0.21	—	1,287	1,287	0.03	0.03	0.10	1,296
2044	0.42	1.95	2.68	6.19	0.01	0.05	0.83	0.87	0.04	0.20	0.24	—	1,502	1,502	0.04	0.03	0.10	1,513
2045	0.46	3.10	3.01	6.88	0.01	0.05	0.90	0.95	0.04	0.22	0.26	—	1,647	1,647	0.04	0.04	0.09	1,658

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2041	3.73	3.69	19.4	191	0.35	0.71	9.11	9.82	0.71	2.50	3.21	—	38,356	38,356	1.52	0.36	0.53	38,501
2042	3.73	3.68	19.4	191	0.35	0.71	9.11	9.82	0.71	2.50	3.21	—	38,347	38,347	1.52	0.36	2.41	38,491
2043	1.80	1.51	7.76	48.3	0.07	0.18	5.62	5.80	0.17	1.34	1.51	—	11,191	11,191	0.28	0.22	2.03	11,265
2044	2.19	6.15	11.4	63.1	0.09	0.23	7.04	7.27	0.22	1.68	1.90	—	14,332	14,332	0.36	0.30	2.16	14,433
2045	2.17	6.13	11.3	63.1	0.09	0.23	7.04	7.26	0.22	1.68	1.90	—	14,297	14,297	0.36	0.29	1.82	14,394

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2041	3.73	3.68	19.4	190	0.35	0.71	9.11	9.82	0.71	2.50	3.21	—	38,295	38,295	1.52	0.36	0.01	38,440
2042	3.73	3.68	19.4	190	0.35	0.71	9.11	9.82	0.71	2.50	3.21	—	38,286	38,286	1.52	0.36	0.06	38,430
2043	1.62	1.50	7.83	45.3	0.07	0.18	5.62	5.80	0.17	1.34	1.51	—	10,835	10,835	0.29	0.22	0.05	10,908
2044	2.18	6.13	11.5	59.3	0.09	0.23	7.04	7.27	0.22	1.68	1.90	—	13,894	13,894	0.36	0.30	0.06	13,993
2045	2.16	6.12	11.4	59.3	0.09	0.23	7.04	7.26	0.22	1.68	1.90	—	13,861	13,861	0.36	0.30	0.05	13,960
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2041	1.95	1.93	10.1	100	0.18	0.37	4.59	4.96	0.37	1.23	1.60	—	20,059	20,059	0.80	0.19	0.13	20,135
2042	1.87	1.73	9.05	76.1	0.13	0.29	5.02	5.30	0.28	1.29	1.58	—	15,996	15,996	0.58	0.20	0.49	16,071
2043	1.16	1.07	5.58	32.7	0.05	0.13	3.95	4.07	0.12	0.94	1.06	—	7,776	7,776	0.21	0.16	0.63	7,828
2044	1.38	3.00	7.12	38.7	0.06	0.15	4.54	4.69	0.14	1.08	1.23	—	9,074	9,074	0.24	0.19	0.61	9,138
2045	1.54	4.37	8.16	42.8	0.06	0.16	4.94	5.11	0.16	1.18	1.34	—	9,945	9,945	0.26	0.21	0.56	10,016
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2041	0.36	0.35	1.85	18.3	0.03	0.07	0.84	0.90	0.07	0.22	0.29	—	3,321	3,321	0.13	0.03	0.02	3,334
2042	0.34	0.32	1.65	13.9	0.02	0.05	0.92	0.97	0.05	0.24	0.29	—	2,648	2,648	0.10	0.03	0.08	2,661
2043	0.21	0.20	1.02	5.97	0.01	0.02	0.72	0.74	0.02	0.17	0.19	—	1,287	1,287	0.03	0.03	0.10	1,296
2044	0.25	0.55	1.30	7.06	0.01	0.03	0.83	0.86	0.03	0.20	0.22	—	1,502	1,502	0.04	0.03	0.10	1,513
2045	0.28	0.80	1.49	7.81	0.01	0.03	0.90	0.93	0.03	0.22	0.24	—	1,647	1,647	0.04	0.04	0.09	1,658

3. Construction Emissions Details

3.1. Site Preparation (2041) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.66	2.24	10.5	23.2	0.07	0.40	—	0.40	0.36	—	0.36	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.66	2.24	10.5	23.2	0.07	0.40	—	0.40	0.36	—	0.36	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	0.53	2.50	5.53	0.02	0.09	—	0.09	0.09	—	0.09	—	1,688	1,688	0.07	0.01	—	1,694
Dust From Material Movement	—	—	—	—	—	—	0.16	0.16	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.46	1.01	< 0.005	0.02	—	0.02	0.02	—	0.02	—	279	279	0.01	< 0.005	—	280

Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.72	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	258	258	< 0.005	< 0.005	0.14	259
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	98.6	98.6	< 0.005	0.02	0.03	103
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.55	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	238	238	< 0.005	< 0.005	< 0.005	238
Vendor	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	98.7	98.7	< 0.005	0.02	< 0.005	103
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	57.4	57.4	< 0.005	< 0.005	0.01	57.5
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.5	23.5	< 0.005	< 0.005	< 0.005	24.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.50	9.50	< 0.005	< 0.005	< 0.005	9.52
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.89	3.89	< 0.005	< 0.005	< 0.005	4.08
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2041) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.67	3.48	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.67	3.48	38.4	0.07	0.13	—	0.13	0.13	—	0.13	—	7,083	7,083	0.29	0.06	—	7,107
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	0.83	9.16	0.02	0.03	—	0.03	0.03	—	0.03	—	1,688	1,688	0.07	0.01	—	1,694
Dust From Material Movement	—	—	—	—	—	—	0.16	0.16	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.15	1.67	< 0.005	0.01	—	0.01	0.01	—	0.01	—	279	279	0.01	< 0.005	—	280
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.72	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	258	258	< 0.005	< 0.005	0.14	259
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	98.6	98.6	< 0.005	0.02	0.03	103
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.55	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	238	238	< 0.005	< 0.005	< 0.005	238
Vendor	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	98.7	98.7	< 0.005	0.02	< 0.005	103
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	57.4	57.4	< 0.005	< 0.005	0.01	57.5
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.5	23.5	< 0.005	< 0.005	< 0.005	24.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.50	9.50	< 0.005	< 0.005	< 0.005	9.52
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.89	3.89	< 0.005	< 0.005	< 0.005	4.08
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2041) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	12.5	10.5	53.7	98.5	0.34	2.20	—	2.20	2.02	—	2.02	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	12.5	10.5	53.7	98.5	0.34	2.20	—	2.20	2.02	—	2.02	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.97	5.01	25.6	47.0	0.16	1.05	—	1.05	0.97	—	0.97	—	17,794	17,794	0.72	0.14	—	17,855
Dust From Material Movement	—	—	—	—	—	—	3.87	3.87	—	1.08	1.08	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.09	0.91	4.68	8.58	0.03	0.19	—	0.19	0.18	—	0.18	—	2,946	2,946	0.12	0.02	—	2,956
Dust From Material Movement	—	—	—	—	—	—	0.71	0.71	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.08	2.17	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	775	775	< 0.005	< 0.005	0.43	777
Vendor	0.02	0.01	0.32	0.13	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	315	315	0.01	0.05	0.11	330
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.08	1.64	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	714	714	0.01	< 0.005	0.01	715
Vendor	0.02	0.01	0.34	0.13	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	316	316	0.01	0.05	< 0.005	331
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.82	0.00	0.00	0.41	0.41	0.00	0.10	0.10	—	345	345	< 0.005	< 0.005	0.09	346
Vendor	0.01	< 0.005	0.16	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	151	151	< 0.005	0.02	0.02	158
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	57.1	57.1	< 0.005	< 0.005	0.01	57.2
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	24.9	24.9	< 0.005	< 0.005	< 0.005	26.1

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2041) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.58	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.58	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.71	1.71	9.06	90.1	0.16	0.34	—	0.34	0.34	—	0.34	—	17,794	17,794	0.72	0.14	—	17,855

Dust From Material Movement	—	—	—	—	—	—	3.87	3.87	—	1.08	1.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.31	1.65	16.4	0.03	0.06	—	0.06	0.06	—	0.06	—	2,946	2,946	0.12	0.02	—	2,956
Dust From Material Movement	—	—	—	—	—	—	0.71	0.71	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.08	2.17	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	775	775	< 0.005	< 0.005	0.43	777
Vendor	0.02	0.01	0.32	0.13	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	315	315	0.01	0.05	0.11	330
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.08	1.64	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	714	714	0.01	< 0.005	0.01	715
Vendor	0.02	0.01	0.34	0.13	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	316	316	0.01	0.05	< 0.005	331
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.82	0.00	0.00	0.41	0.41	0.00	0.10	0.10	—	345	345	< 0.005	< 0.005	0.09	346
Vendor	0.01	< 0.005	0.16	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	151	151	< 0.005	0.02	0.02	158
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	57.1	57.1	< 0.005	< 0.005	0.01	57.2
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	24.9	24.9	< 0.005	< 0.005	< 0.005	26.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2042) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	12.4	10.4	52.0	96.6	0.34	2.12	—	2.12	1.95	—	1.95	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	12.4	10.4	52.0	96.6	0.34	2.12	—	2.12	1.95	—	1.95	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.70	3.11	15.6	28.9	0.10	0.63	—	0.63	0.58	—	0.58	—	11,158	11,158	0.45	0.09	—	11,196
Dust From Material Movement	—	—	—	—	—	—	2.42	2.42	—	0.68	0.68	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.68	0.57	2.84	5.28	0.02	0.12	—	0.12	0.11	—	0.11	—	1,847	1,847	0.07	0.01	—	1,854
Dust From Material Movement	—	—	—	—	—	—	0.44	0.44	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.08	2.14	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	771	771	< 0.005	< 0.005	0.36	773
Vendor	0.02	0.01	0.31	0.13	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	310	310	0.01	0.05	0.09	324
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.08	1.60	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	710	710	0.01	< 0.005	0.01	712
Vendor	0.02	0.01	0.33	0.13	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	310	310	0.01	0.05	< 0.005	325
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.50	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	215	215	< 0.005	< 0.005	0.05	216

Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	92.7	92.7	< 0.005	0.01	0.01	97.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.09	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	35.6	35.6	< 0.005	< 0.005	0.01	35.7
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.4	15.4	< 0.005	< 0.005	< 0.005	16.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2042) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.58	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.58	3.57	19.0	189	0.34	0.71	—	0.71	0.71	—	0.71	—	37,266	37,266	1.51	0.30	—	37,394
Dust From Material Movement	—	—	—	—	—	—	8.09	8.09	—	2.26	2.26	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	1.07	5.68	56.5	0.10	0.21	—	0.21	0.21	—	0.21	—	11,158	11,158	0.45	0.09	—	11,196
Dust From Material Movement	—	—	—	—	—	—	2.42	2.42	—	0.68	0.68	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	1.04	10.3	0.02	0.04	—	0.04	0.04	—	0.04	—	1,847	1,847	0.07	0.01	—	1,854
Dust From Material Movement	—	—	—	—	—	—	0.44	0.44	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.08	2.14	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	771	771	< 0.005	< 0.005	0.36	773
Vendor	0.02	0.01	0.31	0.13	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	310	310	0.01	0.05	0.09	324
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	0.08	1.60	0.00	0.00	0.88	0.88	0.00	0.21	0.21	—	710	710	0.01	< 0.005	0.01	712
Vendor	0.02	0.01	0.33	0.13	< 0.005	< 0.005	0.13	0.14	< 0.005	0.04	0.04	—	310	310	0.01	0.05	< 0.005	325

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.02	0.50	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	215	215	< 0.005	< 0.005	0.05	216
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	92.7	92.7	< 0.005	0.01	0.01	97.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.09	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	35.6	35.6	< 0.005	< 0.005	0.01	35.7
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.4	15.4	< 0.005	< 0.005	< 0.005	16.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2042) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.19	1.83	15.4	29.6	0.06	0.31	—	0.31	0.28	—	0.28	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.19	1.83	15.4	29.6	0.06	0.31	—	0.31	0.28	—	0.28	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.91	0.76	6.39	12.3	0.02	0.13	—	0.13	0.12	—	0.12	—	2,365	2,365	0.10	0.02	—	2,373
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.17	2.24	< 0.005	0.02	—	0.02	0.02	—	0.02	—	392	392	0.02	< 0.005	—	393
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.57	0.46	12.6	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,538	4,538	0.03	0.03	2.13	4,549
Vendor	0.06	0.03	1.00	0.41	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	987	987	0.02	0.16	0.28	1,034
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.56	0.47	9.42	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,180	4,180	0.04	0.03	0.06	4,188
Vendor	0.05	0.03	1.05	0.42	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	988	988	0.02	0.16	0.01	1,035
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.23	0.20	4.11	0.00	0.00	2.12	2.12	0.00	0.50	0.50	—	1,756	1,756	0.01	0.01	0.38	1,760
Vendor	0.02	0.01	0.43	0.17	< 0.005	< 0.005	0.17	0.18	< 0.005	0.05	0.05	—	410	410	0.01	0.07	0.05	429
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.04	0.75	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	291	291	< 0.005	< 0.005	0.06	291
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	67.8	67.8	< 0.005	0.01	0.01	71.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2042) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.38	2.62	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,365	2,365	0.10	0.02	—	2,373
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.48	2.70	< 0.005	0.01	—	0.01	0.01	—	0.01	—	392	392	0.02	< 0.005	—	393
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.57	0.46	12.6	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,538	4,538	0.03	0.03	2.13	4,549
Vendor	0.06	0.03	1.00	0.41	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	987	987	0.02	0.16	0.28	1,034
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.56	0.47	9.42	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,180	4,180	0.04	0.03	0.06	4,188
Vendor	0.05	0.03	1.05	0.42	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	988	988	0.02	0.16	0.01	1,035
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.23	0.20	4.11	0.00	0.00	2.12	2.12	0.00	0.50	0.50	—	1,756	1,756	0.01	0.01	0.38	1,760
Vendor	0.02	0.01	0.43	0.17	< 0.005	< 0.005	0.17	0.18	< 0.005	0.05	0.05	—	410	410	0.01	0.07	0.05	429
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.04	0.75	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	291	291	< 0.005	< 0.005	0.06	291
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	67.8	67.8	< 0.005	0.01	0.01	71.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2043) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.18	1.82	15.3	29.5	0.06	0.30	—	0.30	0.27	—	0.27	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.18	1.82	15.3	29.5	0.06	0.30	—	0.30	0.27	—	0.27	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.55	1.30	10.9	21.1	0.04	0.21	—	0.21	0.19	—	0.19	—	4,072	4,072	0.17	0.03	—	4,086
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.24	1.99	3.85	0.01	0.04	—	0.04	0.04	—	0.04	—	674	674	0.03	0.01	—	677
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.56	0.46	12.3	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,519	4,519	0.03	0.03	1.81	4,529
Vendor	0.06	0.03	0.99	0.41	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	970	970	0.02	0.15	0.22	1,015
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.55	0.47	9.22	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,162	4,162	0.04	0.03	0.05	4,171

Vendor	0.05	0.03	1.05	0.42	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	972	972	0.02	0.15	0.01	1,016
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.39	0.34	6.94	0.00	0.00	3.65	3.65	0.00	0.85	0.85	—	3,010	3,010	0.03	0.02	0.56	3,017
Vendor	0.04	0.02	0.74	0.30	0.01	0.01	0.30	0.31	0.01	0.09	0.09	—	694	694	0.02	0.10	0.07	725
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.27	0.00	0.00	0.67	0.67	0.00	0.16	0.16	—	498	498	< 0.005	< 0.005	0.09	499
Vendor	0.01	< 0.005	0.13	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	115	115	< 0.005	0.02	0.01	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2043) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.66	4.51	25.5	0.04	0.12	—	0.12	0.12	—	0.12	—	4,072	4,072	0.17	0.03	—	4,086
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.12	0.82	4.65	0.01	0.02	—	0.02	0.02	—	0.02	—	674	674	0.03	0.01	—	677
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.56	0.46	12.3	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,519	4,519	0.03	0.03	1.81	4,529
Vendor	0.06	0.03	0.99	0.41	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	970	970	0.02	0.15	0.22	1,015
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.55	0.47	9.22	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,162	4,162	0.04	0.03	0.05	4,171
Vendor	0.05	0.03	1.05	0.42	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	972	972	0.02	0.15	0.01	1,016
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.39	0.34	6.94	0.00	0.00	3.65	3.65	0.00	0.85	0.85	—	3,010	3,010	0.03	0.02	0.56	3,017
Vendor	0.04	0.02	0.74	0.30	0.01	0.01	0.30	0.31	0.01	0.09	0.09	—	694	694	0.02	0.10	0.07	725
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.27	0.00	0.00	0.67	0.67	0.00	0.16	0.16	—	498	498	< 0.005	< 0.005	0.09	499

Vendor	0.01	< 0.005	0.13	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	115	115	< 0.005	0.02	0.01	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2044) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.16	1.80	15.1	29.4	0.06	0.28	—	0.28	0.26	—	0.26	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.16	1.80	15.1	29.4	0.06	0.28	—	0.28	0.26	—	0.26	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.54	1.29	10.8	21.1	0.04	0.20	—	0.20	0.19	—	0.19	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.24	1.98	3.85	0.01	0.04	—	0.04	0.03	—	0.03	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.55	0.54	0.46	12.1	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,503	4,503	0.03	0.03	1.54	4,513
Vendor	0.06	0.03	0.98	0.40	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	956	956	0.02	0.15	0.18	1,000
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.54	0.53	0.47	9.03	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,147	4,147	0.03	0.03	0.04	4,156
Vendor	0.05	0.03	1.04	0.41	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	958	958	0.02	0.15	< 0.005	1,002
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.38	0.34	6.83	0.00	0.00	3.66	3.66	0.00	0.86	0.86	—	3,007	3,007	0.02	0.02	0.47	3,014
Vendor	0.04	0.02	0.74	0.29	0.01	0.01	0.30	0.31	0.01	0.09	0.09	—	685	685	0.02	0.10	0.06	717
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.25	0.00	0.00	0.67	0.67	0.00	0.16	0.16	—	498	498	< 0.005	< 0.005	0.08	499
Vendor	0.01	< 0.005	0.13	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	113	113	< 0.005	0.02	0.01	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2044) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.66	4.52	25.5	0.04	0.12	—	0.12	0.12	—	0.12	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.12	0.83	4.66	0.01	0.02	—	0.02	0.02	—	0.02	—	676	676	0.03	0.01	—	678
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.55	0.54	0.46	12.1	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,503	4,503	0.03	0.03	1.54	4,513
Vendor	0.06	0.03	0.98	0.40	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	956	956	0.02	0.15	0.18	1,000
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.54	0.53	0.47	9.03	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,147	4,147	0.03	0.03	0.04	4,156

Vendor	0.05	0.03	1.04	0.41	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	958	958	0.02	0.15	< 0.005	1,002
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.38	0.34	6.83	0.00	0.00	3.66	3.66	0.00	0.86	0.86	—	3,007	3,007	0.02	0.02	0.47	3,014
Vendor	0.04	0.02	0.74	0.29	0.01	0.01	0.30	0.31	0.01	0.09	0.09	—	685	685	0.02	0.10	0.06	717
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.25	0.00	0.00	0.67	0.67	0.00	0.16	0.16	—	498	498	< 0.005	< 0.005	0.08	499
Vendor	0.01	< 0.005	0.13	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	113	113	< 0.005	0.02	0.01	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (2045) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.14	1.79	15.0	29.2	0.06	0.27	—	0.27	0.25	—	0.25	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.14	1.79	15.0	29.2	0.06	0.27	—	0.27	0.25	—	0.25	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.53	1.28	10.7	20.9	0.04	0.19	—	0.19	0.18	—	0.18	—	4,072	4,072	0.17	0.03	—	4,086
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.23	1.95	3.81	0.01	0.04	—	0.04	0.03	—	0.03	—	674	674	0.03	0.01	—	677
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.53	0.46	12.0	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,488	4,488	0.03	0.02	1.30	4,495
Vendor	0.06	0.03	0.97	0.40	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	944	944	0.02	0.15	0.15	988
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.53	0.46	9.02	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,134	4,134	0.03	0.03	0.03	4,143
Vendor	0.05	0.03	1.02	0.41	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	946	946	0.02	0.15	< 0.005	990
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.37	0.34	6.79	0.00	0.00	3.65	3.65	0.00	0.85	0.85	—	2,990	2,990	0.02	0.02	0.40	2,996
Vendor	0.04	0.02	0.73	0.29	0.01	0.01	0.30	0.31	0.01	0.09	0.09	—	675	675	0.02	0.10	0.05	706
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.24	0.00	0.00	0.67	0.67	0.00	0.16	0.16	—	495	495	< 0.005	< 0.005	0.07	496

Vendor	0.01	< 0.005	0.13	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	112	112	< 0.005	0.02	0.01	117
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (2045) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.92	6.31	35.7	0.06	0.17	—	0.17	0.16	—	0.16	—	5,701	5,701	0.23	0.05	—	5,721
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.66	4.51	25.5	0.04	0.12	—	0.12	0.12	—	0.12	—	4,072	4,072	0.17	0.03	—	4,086
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.12	0.82	4.65	0.01	0.02	—	0.02	0.02	—	0.02	—	674	674	0.03	0.01	—	677
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.53	0.46	12.0	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,488	4,488	0.03	0.02	1.30	4,495
Vendor	0.06	0.03	0.97	0.40	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	944	944	0.02	0.15	0.15	988
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.53	0.46	9.02	0.00	0.00	5.19	5.19	0.00	1.22	1.22	—	4,134	4,134	0.03	0.03	0.03	4,143
Vendor	0.05	0.03	1.02	0.41	0.01	0.01	0.42	0.44	0.01	0.12	0.13	—	946	946	0.02	0.15	< 0.005	990
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.37	0.34	6.79	0.00	0.00	3.65	3.65	0.00	0.85	0.85	—	2,990	2,990	0.02	0.02	0.40	2,996
Vendor	0.04	0.02	0.73	0.29	0.01	0.01	0.30	0.31	0.01	0.09	0.09	—	675	675	0.02	0.10	0.05	706
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.24	0.00	0.00	0.67	0.67	0.00	0.16	0.16	—	495	495	< 0.005	< 0.005	0.07	496
Vendor	0.01	< 0.005	0.13	0.05	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	112	112	< 0.005	0.02	0.01	117
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Paving (2044) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.55	0.46	5.11	9.72	0.01	0.09	—	0.09	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	0.46	5.11	9.72	0.01	0.09	—	0.09	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.19	2.14	4.07	0.01	0.04	—	0.04	0.03	—	0.03	—	633	633	0.03	0.01	—	635
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.39	0.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	105	105	< 0.005	< 0.005	—	105
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.46	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.06	170
Vendor	0.02	0.01	0.42	0.17	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	413	413	0.01	0.06	0.08	432

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.34	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	157	157	< 0.005	< 0.005	< 0.005	157
Vendor	0.02	0.01	0.45	0.18	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	413	413	0.01	0.06	< 0.005	432
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	66.4	66.4	< 0.005	< 0.005	0.01	66.5
Vendor	0.01	0.01	0.19	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	173	173	< 0.005	0.03	0.01	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.0	11.0	< 0.005	< 0.005	< 0.005	11.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.6	28.6	< 0.005	< 0.005	< 0.005	29.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Paving (2044) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.25	2.09	10.5	0.01	0.04	—	0.04	0.04	—	0.04	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.25	2.09	10.5	0.01	0.04	—	0.04	0.04	—	0.04	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.11	0.88	4.38	0.01	0.02	—	0.02	0.02	—	0.02	—	633	633	0.03	0.01	—	635
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	105	105	< 0.005	< 0.005	—	105
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.46	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	170	170	< 0.005	< 0.005	0.06	170
Vendor	0.02	0.01	0.42	0.17	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	413	413	0.01	0.06	0.08	432
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.34	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	157	157	< 0.005	< 0.005	< 0.005	157

Vendor	0.02	0.01	0.45	0.18	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	413	413	0.01	0.06	< 0.005	432
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	66.4	66.4	< 0.005	< 0.005	0.01	66.5
Vendor	0.01	0.01	0.19	0.07	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	173	173	< 0.005	0.03	0.01	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.0	11.0	< 0.005	< 0.005	< 0.005	11.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.6	28.6	< 0.005	< 0.005	< 0.005	29.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Paving (2045) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.45	5.07	9.71	0.01	0.08	—	0.08	0.07	—	0.07	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.45	5.07	9.71	0.01	0.08	—	0.08	0.07	—	0.07	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.32	3.62	6.94	0.01	0.05	—	0.05	0.05	—	0.05	—	1,079	1,079	0.04	0.01	—	1,083
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.66	1.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	179	179	0.01	< 0.005	—	179
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	169	169	< 0.005	< 0.005	0.05	170
Vendor	0.02	0.01	0.42	0.17	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	407	407	0.01	0.06	0.06	426
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.34	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	156	156	< 0.005	< 0.005	< 0.005	156
Vendor	0.02	0.01	0.44	0.18	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	408	408	0.01	0.06	< 0.005	427
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.26	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	113	113	< 0.005	< 0.005	0.02	113
Vendor	0.02	0.01	0.31	0.13	< 0.005	< 0.005	0.13	0.13	< 0.005	0.04	0.04	—	291	291	0.01	0.04	0.02	305

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	18.7	18.7	< 0.005	< 0.005	< 0.005	18.7
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	48.2	48.2	< 0.005	0.01	< 0.005	50.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Paving (2045) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.09	10.5	0.01	0.04	—	0.04	0.04	—	0.04	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.09	10.5	0.01	0.04	—	0.04	0.04	—	0.04	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.18	1.49	7.47	0.01	0.03	—	0.03	0.03	—	0.03	—	1,079	1,079	0.04	0.01	—	1,083
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.27	1.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	179	179	0.01	< 0.005	—	179
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.45	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	169	169	< 0.005	< 0.005	0.05	170
Vendor	0.02	0.01	0.42	0.17	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	407	407	0.01	0.06	0.06	426
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.34	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	156	156	< 0.005	< 0.005	< 0.005	156
Vendor	0.02	0.01	0.44	0.18	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.06	—	408	408	0.01	0.06	< 0.005	427
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.26	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	113	113	< 0.005	< 0.005	0.02	113
Vendor	0.02	0.01	0.31	0.13	< 0.005	< 0.005	0.13	0.13	< 0.005	0.04	0.04	—	291	291	0.01	0.04	0.02	305
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	18.7	18.7	< 0.005	< 0.005	< 0.005	18.7
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	48.2	48.2	< 0.005	0.01	< 0.005	50.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Architectural Coating (2044) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	20.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	20.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.41	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.6	74.6	< 0.005	< 0.005	—	74.8
Architectural Coatings	—	8.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.3	12.3	< 0.005	< 0.005	—	12.4
Architectural Coatings	—	1.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	2.41	0.00	0.00	1.04	1.04	0.00	0.24	0.24	—	901	901	0.01	0.01	0.31	903
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.81	0.00	0.00	1.04	1.04	0.00	0.24	0.24	—	829	829	0.01	0.01	0.01	831
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.80	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	352	352	< 0.005	< 0.005	0.06	352
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	58.2	58.2	< 0.005	< 0.005	0.01	58.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Architectural Coating (2044) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	4.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	4.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.41	0.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.6	74.6	< 0.005	< 0.005	—	74.8
Architectural Coatings	—	1.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.3	12.3	< 0.005	< 0.005	—	12.4
Architectural Coatings	—	0.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	2.41	0.00	0.00	1.04	1.04	0.00	0.24	0.24	—	901	901	0.01	0.01	0.31	903
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.81	0.00	0.00	1.04	1.04	0.00	0.24	0.24	—	829	829	0.01	0.01	0.01	831
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.80	0.00	0.00	0.43	0.43	0.00	0.10	0.10	—	352	352	< 0.005	< 0.005	0.06	352
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	58.2	58.2	< 0.005	< 0.005	0.01	58.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Architectural Coating (2045) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	20.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	20.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.71	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	127	127	0.01	< 0.005	—	128
Architectural Coatings	—	14.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.1	21.1	< 0.005	< 0.005	—	21.1
Architectural Coatings	—	2.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	2.41	0.00	0.00	1.04	1.04	0.00	0.24	0.24	—	898	898	0.01	< 0.005	0.26	899
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.80	0.00	0.00	1.04	1.04	0.00	0.24	0.24	—	827	827	0.01	0.01	0.01	829
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.36	0.00	0.00	0.73	0.73	0.00	0.17	0.17	—	598	598	< 0.005	< 0.005	0.08	599
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.25	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	99.0	99.0	< 0.005	< 0.005	0.01	99.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Architectural Coating (2045) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	4.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.99	1.46	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	4.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.71	1.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	127	127	0.01	< 0.005	—	128
Architectural Coatings	—	2.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.1	21.1	< 0.005	< 0.005	—	21.1
Architectural Coatings	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	2.41	0.00	0.00	1.04	1.04	0.00	0.24	0.24	—	898	898	0.01	< 0.005	0.26	899
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.80	0.00	0.00	1.04	1.04	0.00	0.24	0.24	—	827	827	0.01	0.01	0.01	829
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.36	0.00	0.00	0.73	0.73	0.00	0.17	0.17	—	598	598	< 0.005	< 0.005	0.08	599
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.25	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	99.0	99.0	< 0.005	< 0.005	0.01	99.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	1/1/2041	5/1/2041	5.00	87.0	—
Grading	Grading	5/2/2041	6/2/2042	5.00	283	—
Building Construction	Building Construction	6/3/2042	12/31/2045	5.00	934	—
Paving	Paving	6/1/2044	12/31/2045	5.00	413	—
Architectural Coating	Architectural Coating	6/1/2044	12/31/2045	5.00	413	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Average	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Average	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	14.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Average	4.00	8.00	376	0.38
Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	7.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	5.00	8.00	87.0	0.43
Site Preparation	Off-Highway Trucks	Diesel	Tier 4 Final	4.00	8.00	376	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41

Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Final	14.0	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Tier 4 Final	4.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Tier 4 Final	4.00	8.00	376	0.38
Building Construction	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	7.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	5.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	67.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	16.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT

Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	397	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	51.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	22.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	79.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	22.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	5.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	67.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	16.0	10.2	HHDT,MHDT

Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	397	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	51.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	22.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	79.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	2,694,445	898,148	75,243	25,081	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	218	0.00	—
Grading	—	—	5,094	0.00	—
Paving	0.00	0.00	0.00	0.00	6.03

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	6.03	0%
Apartments Low Rise	—	0%
Elementary School	0.00	0%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2041	0.00	532	0.03	< 0.005
2042	0.00	532	0.03	< 0.005
2043	0.00	532	0.03	< 0.005
2044	0.00	532	0.03	< 0.005

2045	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—

AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129

Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0

Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Construction schedule adjusted based on data from the Project team.
Construction: Off-Road Equipment	All equipment will operate 8 hours per day. Crawler tractors assumed in lieu of tractors/loaders/backhoes during site preparation and grading in order to account for fugitive dust.
Construction: Trips and VMT	Vendor trips assigned to site preparation, grading, building construction, and paving based on the duration of each phase.
Construction: Architectural Coatings	Rule 1113

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APPENDIX 3.2:

CALEEMOD PROJECT REGIONAL OPERATIONAL EMISSIONS MODEL OUTPUTS

15218 Mesa Verde Ph1 Ops HCCS Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph1 Ops HCCS
Operational Year	2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	700	1000sqft	16.1	700,000	282,661	—	—	—
City Park	12.7	Acre	12.7	0.00	553,212	553,212	—	—

Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	709	Dwelling Unit	230	1,382,550	8,304,416	—	2,290	—
Apartments Low Rise	185	Dwelling Unit	11.6	196,100	61,594	—	598	—
User Defined Industrial	1,400	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	47.6	Acre	47.6	0.00	0.00	—	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	282,661	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	138	133	123	429	1.62	2.60	103	106	2.46	26.6	29.1	1,994	195,307	197,301	209	19.3	1,193	209,466
Mit.	138	133	123	429	1.62	2.60	103	106	2.46	26.6	29.1	1,987	195,120	197,107	208	19.3	1,193	209,250
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	120	116	127	279	1.57	2.46	103	105	2.36	26.6	29.0	1,994	190,434	192,428	209	19.4	800	204,238
Mit.	120	116	127	279	1.57	2.46	103	105	2.36	26.6	29.0	1,987	190,247	192,234	208	19.4	800	204,022
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	123	119	109	332	1.42	2.04	91.7	93.7	1.93	23.7	25.6	1,994	173,814	175,808	209	17.6	946	187,211
Mit.	123	119	109	332	1.42	2.04	91.7	93.7	1.93	23.7	25.6	1,987	173,627	175,615	208	17.6	946	186,995
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	22.5	21.6	20.0	60.6	0.26	0.37	16.7	17.1	0.35	4.33	4.68	330	28,777	29,107	34.5	2.91	157	30,995
Mit.	22.5	21.6	20.0	60.6	0.26	0.37	16.7	17.1	0.35	4.33	4.68	329	28,746	29,075	34.4	2.91	157	30,959
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	49.1	44.7	113	311	1.61	2.13	103	105	2.02	26.6	28.6	—	168,388	168,388	4.54	17.2	404	174,031
Area	86.6	85.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,863	22,863	2.89	0.35	—	23,039
Water	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Total	138	133	123	429	1.62	2.60	103	106	2.46	26.6	29.1	1,994	195,307	197,301	209	19.3	1,193	209,466
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	46.8	42.2	119	273	1.56	2.13	103	105	2.03	26.6	28.6	—	163,904	163,904	4.72	17.3	10.5	169,193
Area	71.0	71.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,863	22,863	2.89	0.35	—	23,039
Water	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Total	120	116	127	279	1.57	2.46	103	105	2.36	26.6	29.0	1,994	190,434	192,428	209	19.4	800	204,238
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	41.4	37.3	108	254	1.41	1.90	91.7	93.6	1.81	23.7	25.5	—	148,032	148,032	4.24	15.5	157	152,917
Area	81.7	81.0	0.68	77.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	266	266	0.01	< 0.005	—	267
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,863	22,863	2.89	0.35	—	23,039
Water	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	0.35	0.31	1.18	0.80	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	161	161	0.01	< 0.005	0.00	162
Total	123	119	109	332	1.42	2.04	91.7	93.7	1.93	23.7	25.6	1,994	173,814	175,808	209	17.6	946	187,211
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.55	6.81	19.6	46.3	0.26	0.35	16.7	17.1	0.33	4.33	4.66	—	24,508	24,508	0.70	2.57	26.0	25,317
Area	14.9	14.8	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	3,785	3,785	0.48	0.06	—	3,814

Water	—	—	—	—	—	—	—	—	—	—	—	115	413	528	11.9	0.29	—	910
Waste	—	—	—	—	—	—	—	—	—	—	—	215	0.00	215	21.5	0.00	—	751
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
Stationary	0.06	0.06	0.22	0.15	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	26.7	26.7	< 0.005	< 0.005	0.00	26.7
Total	22.5	21.6	20.0	60.6	0.26	0.37	16.7	17.1	0.35	4.33	4.68	330	28,777	29,107	34.5	2.91	157	30,995

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	49.1	44.7	113	311	1.61	2.13	103	105	2.02	26.6	28.6	—	168,388	168,388	4.54	17.2	404	174,031
Area	86.6	85.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,692	22,692	2.87	0.35	—	22,868
Water	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Total	138	133	123	429	1.62	2.60	103	106	2.46	26.6	29.1	1,987	195,120	197,107	208	19.3	1,193	209,250
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	46.8	42.2	119	273	1.56	2.13	103	105	2.03	26.6	28.6	—	163,904	163,904	4.72	17.3	10.5	169,193
Area	71.0	71.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,692	22,692	2.87	0.35	—	22,868
Water	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Total	120	116	127	279	1.57	2.46	103	105	2.36	26.6	29.0	1,987	190,247	192,234	208	19.4	800	204,022
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	41.4	37.3	108	254	1.41	1.90	91.7	93.6	1.81	23.7	25.5	—	148,032	148,032	4.24	15.5	157	152,917
Area	81.7	81.0	0.68	77.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	266	266	0.01	< 0.005	—	267
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,692	22,692	2.87	0.35	—	22,868
Water	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	0.35	0.31	1.18	0.80	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	161	161	0.01	< 0.005	0.00	162
Total	123	119	109	332	1.42	2.04	91.7	93.7	1.93	23.7	25.6	1,987	173,627	175,615	208	17.6	946	186,995
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.55	6.81	19.6	46.3	0.26	0.35	16.7	17.1	0.33	4.33	4.66	—	24,508	24,508	0.70	2.57	26.0	25,317
Area	14.9	14.8	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	3,757	3,757	0.48	0.06	—	3,786
Water	—	—	—	—	—	—	—	—	—	—	—	114	410	524	11.8	0.28	—	903
Waste	—	—	—	—	—	—	—	—	—	—	—	215	0.00	215	21.5	0.00	—	751
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
Stationary	0.06	0.06	0.22	0.15	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	26.7	26.7	< 0.005	< 0.005	0.00	26.7
Total	22.5	21.6	20.0	60.6	0.26	0.37	16.7	17.1	0.35	4.33	4.68	329	28,746	29,075	34.4	2.91	157	30,959

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	9.69	9.13	3.49	70.4	0.15	0.06	16.1	16.2	0.06	4.07	4.12	—	15,671	15,671	0.63	0.43	32.9	15,847
City Park	5.36	5.12	2.62	22.9	0.05	0.04	4.53	4.56	0.03	1.15	1.18	—	5,126	5,126	0.31	0.28	11.5	5,230
Government (Civic Center)	0.38	0.35	0.25	2.41	0.01	< 0.005	0.58	0.59	< 0.005	0.15	0.15	—	638	638	0.03	0.03	1.47	649
Single Family Housing	22.3	20.8	14.6	139	0.36	0.24	33.4	33.6	0.22	8.47	8.69	—	36,648	36,648	1.58	1.69	84.5	37,276
Apartments Low Rise	4.58	4.28	3.00	28.6	0.07	0.05	6.85	6.90	0.05	1.74	1.78	—	7,528	7,528	0.32	0.35	17.4	7,657
User Defined Industrial	3.93	2.23	88.1	26.4	0.92	1.72	36.7	38.4	1.65	9.83	11.5	—	98,127	98,127	1.48	14.3	246	102,670
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	2.88	2.71	1.04	20.9	0.05	0.02	4.78	4.80	0.02	1.21	1.22	—	4,650	4,650	0.19	0.13	9.76	4,703
Total	49.1	44.7	113	311	1.61	2.13	103	105	2.02	26.6	28.6	—	168,388	168,388	4.54	17.2	404	174,031
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	9.29	8.71	3.83	60.4	0.14	0.06	16.1	16.2	0.06	4.07	4.12	—	14,499	14,499	0.67	0.45	0.85	14,652
City Park	5.05	4.80	2.80	21.0	0.05	0.04	4.53	4.56	0.03	1.15	1.18	—	4,830	4,830	0.33	0.29	0.30	4,926
Government (Civic Center)	0.36	0.33	0.27	2.08	0.01	< 0.005	0.58	0.59	< 0.005	0.15	0.15	—	599	599	0.03	0.03	0.04	609
Single Family Housing	21.1	19.6	15.6	121	0.34	0.24	33.4	33.6	0.22	8.47	8.69	—	34,453	34,453	1.66	1.74	2.19	35,017
Apartments Low Rise	4.33	4.03	3.21	24.8	0.07	0.05	6.85	6.90	0.05	1.74	1.78	—	7,077	7,077	0.34	0.36	0.45	7,193
User Defined Industrial	3.88	2.19	92.0	26.4	0.92	1.72	36.7	38.4	1.65	9.83	11.5	—	98,142	98,142	1.48	14.3	6.38	102,448
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	2.76	2.59	1.14	17.9	0.04	0.02	4.78	4.80	0.02	1.21	1.22	—	4,303	4,303	0.20	0.13	0.25	4,348
Total	46.8	42.2	119	273	1.56	2.13	103	105	2.03	26.6	28.6	—	163,904	163,904	4.72	17.3	10.5	169,193
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	1.58	1.48	0.68	10.8	0.02	0.01	2.73	2.74	0.01	0.69	0.70	—	2,294	2,294	0.11	0.07	2.22	2,320
City Park	0.48	0.45	0.27	2.07	< 0.005	< 0.005	0.43	0.43	< 0.005	0.11	0.11	—	424	424	0.03	0.03	0.43	432
Government (Civic Center)	0.06	0.06	0.05	0.39	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	100	100	< 0.005	0.01	0.11	102

Single Family Housing	3.73	3.46	2.82	22.2	0.06	0.04	5.85	5.90	0.04	1.49	1.53	—	5,628	5,628	0.27	0.28	5.91	5,726
Apartments Low Rise	0.70	0.65	0.53	4.18	0.01	0.01	1.10	1.11	0.01	0.28	0.29	—	1,059	1,059	0.05	0.05	1.11	1,077
User Defined Industrial	0.63	0.36	15.1	4.27	0.15	0.28	5.89	6.17	0.27	1.58	1.85	—	14,477	14,477	0.22	2.11	15.7	15,127
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.36	0.34	0.16	2.47	0.01	< 0.005	0.63	0.63	< 0.005	0.16	0.16	—	526	526	0.02	0.02	0.51	532
Total	7.55	6.81	19.6	46.3	0.26	0.35	16.7	17.1	0.33	4.33	4.66	—	24,508	24,508	0.70	2.57	26.0	25,317

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	9.69	9.13	3.49	70.4	0.15	0.06	16.1	16.2	0.06	4.07	4.12	—	15,671	15,671	0.63	0.43	32.9	15,847
City Park	5.36	5.12	2.62	22.9	0.05	0.04	4.53	4.56	0.03	1.15	1.18	—	5,126	5,126	0.31	0.28	11.5	5,230
Government (Civic Center)	0.38	0.35	0.25	2.41	0.01	< 0.005	0.58	0.59	< 0.005	0.15	0.15	—	638	638	0.03	0.03	1.47	649

Single Family Housing	22.3	20.8	14.6	139	0.36	0.24	33.4	33.6	0.22	8.47	8.69	—	36,648	36,648	1.58	1.69	84.5	37,276
Apartments Low Rise	4.58	4.28	3.00	28.6	0.07	0.05	6.85	6.90	0.05	1.74	1.78	—	7,528	7,528	0.32	0.35	17.4	7,657
User Defined Industrial	3.93	2.23	88.1	26.4	0.92	1.72	36.7	38.4	1.65	9.83	11.5	—	98,127	98,127	1.48	14.3	246	102,670
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	2.88	2.71	1.04	20.9	0.05	0.02	4.78	4.80	0.02	1.21	1.22	—	4,650	4,650	0.19	0.13	9.76	4,703
Total	49.1	44.7	113	311	1.61	2.13	103	105	2.02	26.6	28.6	—	168,388	168,388	4.54	17.2	404	174,031
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	9.29	8.71	3.83	60.4	0.14	0.06	16.1	16.2	0.06	4.07	4.12	—	14,499	14,499	0.67	0.45	0.85	14,652
City Park	5.05	4.80	2.80	21.0	0.05	0.04	4.53	4.56	0.03	1.15	1.18	—	4,830	4,830	0.33	0.29	0.30	4,926
Government (Civic Center)	0.36	0.33	0.27	2.08	0.01	< 0.005	0.58	0.59	< 0.005	0.15	0.15	—	599	599	0.03	0.03	0.04	609
Single Family Housing	21.1	19.6	15.6	121	0.34	0.24	33.4	33.6	0.22	8.47	8.69	—	34,453	34,453	1.66	1.74	2.19	35,017
Apartments Low Rise	4.33	4.03	3.21	24.8	0.07	0.05	6.85	6.90	0.05	1.74	1.78	—	7,077	7,077	0.34	0.36	0.45	7,193
User Defined Industrial	3.88	2.19	92.0	26.4	0.92	1.72	36.7	38.4	1.65	9.83	11.5	—	98,142	98,142	1.48	14.3	6.38	102,448

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	2.76	2.59	1.14	17.9	0.04	0.02	4.78	4.80	0.02	1.21	1.22	—	4,303	4,303	0.20	0.13	0.25	4,348
Total	46.8	42.2	119	273	1.56	2.13	103	105	2.03	26.6	28.6	—	163,904	163,904	4.72	17.3	10.5	169,193
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	1.58	1.48	0.68	10.8	0.02	0.01	2.73	2.74	0.01	0.69	0.70	—	2,294	2,294	0.11	0.07	2.22	2,320
City Park	0.48	0.45	0.27	2.07	< 0.005	< 0.005	0.43	0.43	< 0.005	0.11	0.11	—	424	424	0.03	0.03	0.43	432
Government (Civic Center)	0.06	0.06	0.05	0.39	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	100	100	< 0.005	0.01	0.11	102
Single Family Housing	3.73	3.46	2.82	22.2	0.06	0.04	5.85	5.90	0.04	1.49	1.53	—	5,628	5,628	0.27	0.28	5.91	5,726
Apartments Low Rise	0.70	0.65	0.53	4.18	0.01	0.01	1.10	1.11	0.01	0.28	0.29	—	1,059	1,059	0.05	0.05	1.11	1,077
User Defined Industrial	0.63	0.36	15.1	4.27	0.15	0.28	5.89	6.17	0.27	1.58	1.85	—	14,477	14,477	0.22	2.11	15.7	15,127
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.36	0.34	0.16	2.47	0.01	< 0.005	0.63	0.63	< 0.005	0.16	0.16	—	526	526	0.02	0.02	0.51	532
Total	7.55	6.81	19.6	46.3	0.26	0.35	16.7	17.1	0.33	4.33	4.66	—	24,508	24,508	0.70	2.57	26.0	25,317

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	4,786	4,786	0.61	0.07	—	4,823
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	4,731	4,731	0.60	0.07	—	4,768
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	905	905	0.11	0.01	—	912
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,297	1,297	0.16	0.02	—	1,307
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,863	22,863	2.89	0.35	—	23,039

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	4,786	4,786	0.61	0.07	—	4,823
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	4,731	4,731	0.60	0.07	—	4,768
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	905	905	0.11	0.01	—	912
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,297	1,297	0.16	0.02	—	1,307
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,863	22,863	2.89	0.35	—	23,039
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	792	792	0.10	0.01	—	798
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	783	783	0.10	0.01	—	789
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	150	150	0.02	< 0.005	—	151
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	215	215	0.03	< 0.005	—	216
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,785	3,785	0.48	0.06	—	3,814

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	4,786	4,786	0.61	0.07	—	4,823
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	4,593	4,593	0.58	0.07	—	4,628
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	873	873	0.11	0.01	—	879
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,297	1,297	0.16	0.02	—	1,307
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,692	22,692	2.87	0.35	—	22,868
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	4,786	4,786	0.61	0.07	—	4,823
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	4,593	4,593	0.58	0.07	—	4,628

Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	873	873	0.11	0.01	—	879
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,297	1,297	0.16	0.02	—	1,307
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,692	22,692	2.87	0.35	—	22,868
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	792	792	0.10	0.01	—	798
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	760	760	0.10	0.01	—	766
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	144	144	0.02	< 0.005	—	146
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	215	215	0.03	< 0.005	—	216

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,757	3,757	0.48	0.06	—	3,786

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	64.6	64.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	6.46	6.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	15.6	14.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Total	86.6	85.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	64.6	64.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	6.46	6.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	71.0	71.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	11.8	11.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.18	1.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.95	1.81	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3
Total	14.9	14.8	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	64.6	64.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	6.46	6.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	15.6	14.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Total	86.6	85.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	64.6	64.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	6.46	6.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	71.0	71.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	11.8	11.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.18	1.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.95	1.81	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3
Total	14.9	14.8	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	73.9	73.9	0.01	< 0.005	—	74.5
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	55.3	750	806	5.76	0.15	—	993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	14.4	41.1	55.5	1.48	0.04	—	103
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
Total	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	73.9	73.9	0.01	< 0.005	—	74.5
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	55.3	750	806	5.76	0.15	—	993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	14.4	41.1	55.5	1.48	0.04	—	103
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
Total	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	354
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	12.2	12.2	< 0.005	< 0.005	—	12.3
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	9.15	124	133	0.95	0.02	—	164
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	2.39	6.81	9.20	0.25	0.01	—	17.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	354
Total	—	—	—	—	—	—	—	—	—	—	—	115	413	528	11.9	0.29	—	910

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	73.9	73.9	0.01	< 0.005	—	74.5
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	50.1	737	788	5.23	0.13	—	958
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	13.1	37.7	50.8	1.35	0.03	—	94.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
Total	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	73.9	73.9	0.01	< 0.005	—	74.5
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	50.1	737	788	5.23	0.13	—	958
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	13.1	37.7	50.8	1.35	0.03	—	94.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
Total	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	354
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	12.2	12.2	< 0.005	< 0.005	—	12.3
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	8.30	122	130	0.87	0.02	—	159
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	2.17	6.25	8.41	0.22	0.01	—	15.6
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	354
Total	—	—	—	—	—	—	—	—	—	—	—	114	410	524	11.8	0.28	—	903

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	468	0.00	468	46.8	0.00	—	1,637
City Park	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.06
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	350	0.00	350	35.0	0.00	—	1,224
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	73.8	0.00	73.8	7.37	0.00	—	258
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	468	0.00	468	46.8	0.00	—	1,637
City Park	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.06
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	350	0.00	350	35.0	0.00	—	1,224
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	73.8	0.00	73.8	7.37	0.00	—	258
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	77.4	0.00	77.4	7.74	0.00	—	271
City Park	—	—	—	—	—	—	—	—	—	—	—	0.10	0.00	0.10	0.01	0.00	—	0.34

Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	57.9	0.00	57.9	5.79	0.00	—	203
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	12.2	0.00	12.2	1.22	0.00	—	42.7
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	215	0.00	215	21.5	0.00	—	751

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	468	0.00	468	46.8	0.00	—	1,637
City Park	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.06

Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	350	0.00	350	35.0	0.00	—	1,224
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	73.8	0.00	73.8	7.37	0.00	—	258
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	468	0.00	468	46.8	0.00	—	1,637
City Park	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.06
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	350	0.00	350	35.0	0.00	—	1,224

Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	73.8	0.00	73.8	7.37	0.00	—	258
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	77.4	0.00	77.4	7.74	0.00	—	271
City Park	—	—	—	—	—	—	—	—	—	—	—	0.10	0.00	0.10	0.01	0.00	—	0.34
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	57.9	0.00	57.9	5.79	0.00	—	203
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	12.2	0.00	12.2	1.22	0.00	—	42.7
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	215	0.00	215	21.5	0.00	—	751

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.5	65.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.85	8.85
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.26	1.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.5	65.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.85	8.85
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.26	1.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.8	10.8
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.47	1.47

Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.21	0.21
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.5	65.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.85	8.85
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.26	1.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.5	65.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.85	8.85
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.26	1.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.8	10.8
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.47	1.47
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.21	0.21
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipm Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.06	0.06	0.22	0.15	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	26.7	26.7	< 0.005	< 0.005	0.00	26.7

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.06	0.06	0.22	0.15	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	26.7	26.7	< 0.005	< 0.005	0.00	26.7

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	3,234	2,623	2,590	1,114,966	23,150	18,775	18,540	7,981,194
City Park	636	1,598	1,786	342,259	2,280	5,728	6,401	1,226,785
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	6,686	6,757	6,056	2,411,174	46,648	47,143	42,250	16,822,944
Apartments Low Rise	1,248	1,388	1,071	453,575	8,707	9,683	7,471	3,164,628
User Defined Industrial	701	441	427	228,125	42,084	26,460	25,620	13,687,500
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	960	77.0	30.8	255,829	6,870	551	220	1,831,282

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	3,234	2,623	2,590	1,114,966	23,150	18,775	18,540	7,981,194
City Park	636	1,598	1,786	342,259	2,280	5,728	6,401	1,226,785
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	6,686	6,757	6,056	2,411,174	46,648	47,143	42,250	16,822,944
Apartments Low Rise	1,248	1,388	1,071	453,575	8,707	9,683	7,471	3,164,628
User Defined Industrial	701	441	427	228,125	42,084	26,460	25,620	13,687,500

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	960	77.0	30.8	255,829	6,870	551	220	1,831,282

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
3196766.25	1,065,589	2,124,750	708,250	124,355

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	6,698,350	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	6,621,524	261	0.0330	0.0040	0.00
Apartments Low Rise	1,266,656	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	1,815,584	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	6,698,350	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	6,428,105	261	0.0330	0.0040	0.00
Apartments Low Rise	1,221,313	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	1,815,584	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	161,875,000	4,481,791
City Park	0.00	19,492,377
Government (Civic Center)	3,277,885	512,488
Single Family Housing	28,837,706	160,932,957
Apartments Low Rise	7,524,648	1,193,643
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Refrigerated Warehouse-No Rail	161,875,000	4,481,791

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	161,875,000	4,481,791
City Park	0.00	19,492,377
Government (Civic Center)	3,277,885	512,488
Single Family Housing	26,164,451	160,932,957
Apartments Low Rise	6,827,113	1,193,643
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Refrigerated Warehouse-No Rail	161,875,000	4,481,791

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	868	—

City Park	1.09	—
Government (Civic Center)	94.0	—
Single Family Housing	649	—
Apartments Low Rise	137	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	868	—
City Park	1.09	—
Government (Civic Center)	94.0	—
Single Family Housing	649	—
Apartments Low Rise	137	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00

Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—

Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376

Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—

Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

15218 Mesa Verde Ph2 Ops HCCS Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph2 Ops HCCS
Operational Year	2035
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	1,400	1000sqft	32.1	1,400,000	565,322	—	—	—
City Park	28.9	Acre	28.9	0.00	1,258,884	1,258,884	—	—

Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	1,177	Dwelling Unit	382	2,295,150	13,786,033	—	3,802	—
Apartments Low Rise	266	Dwelling Unit	16.6	281,960	115,260	—	859	—
User Defined Industrial	2,800	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	98.2	Acre	98.2	0.00	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	222,592	—	—	—
Strip Mall	50.0	1000sqft	1.15	50,000	27,443	—	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	222,592	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	251	241	160	787	2.59	3.62	198	201	3.41	50.8	54.2	3,779	309,438	313,217	394	27.9	1,224	332,605
Mit.	251	241	160	787	2.59	3.62	198	201	3.41	50.8	54.2	3,768	309,136	312,904	393	27.9	1,224	332,256

% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	218	210	166	507	2.49	3.36	198	201	3.22	50.8	54.0	3,779	299,391	303,169	394	28.1	871	322,275
Mit.	218	210	166	507	2.49	3.36	198	201	3.22	50.8	54.0	3,768	299,088	302,856	393	28.1	871	321,925
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	223	215	144	593	2.23	2.84	173	176	2.67	44.5	47.1	3,779	272,723	276,502	393	25.8	1,002	295,024
Mit.	223	215	144	593	2.23	2.84	173	176	2.67	44.5	47.1	3,768	272,421	276,189	392	25.8	1,002	294,675
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	40.7	39.3	26.2	108	0.41	0.52	31.6	32.1	0.49	8.12	8.60	626	45,152	45,778	65.1	4.27	166	48,845
Mit.	40.7	39.3	26.2	108	0.41	0.52	31.6	32.1	0.49	8.12	8.60	624	45,102	45,726	64.9	4.27	166	48,787
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	88.3	81.1	147	572	2.56	2.88	198	200	2.74	50.8	53.5	—	267,108	267,108	7.57	23.9	363	274,796
Area	159	157	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	35,197	35,197	4.45	0.54	—	35,469

Water	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Total	251	241	160	787	2.59	3.62	198	201	3.41	50.8	54.2	3,779	309,438	313,217	394	27.9	1,224	332,605
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	84.9	77.6	155	498	2.47	2.88	198	200	2.74	50.8	53.5	—	257,792	257,792	7.88	24.2	9.42	265,200
Area	130	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	35,197	35,197	4.45	0.54	—	35,469
Water	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Total	218	210	166	507	2.49	3.36	198	201	3.22	50.8	54.0	3,779	299,391	303,169	394	28.1	871	322,275
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	72.9	66.4	141	451	2.22	2.60	173	176	2.47	44.5	46.9	—	232,072	232,072	6.95	21.9	141	238,900
Area	150	148	1.24	142	0.01	0.18	—	0.18	0.13	—	0.13	—	501	501	0.02	< 0.005	—	503
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	35,197	35,197	4.45	0.54	—	35,469
Water	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	0.49	0.45	1.56	1.15	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	230	230	0.01	< 0.005	0.00	231
Total	223	215	144	593	2.23	2.84	173	176	2.67	44.5	47.1	3,779	272,723	276,502	393	25.8	1,002	295,024
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.3	12.1	25.7	82.2	0.41	0.47	31.6	32.1	0.45	8.12	8.57	—	38,422	38,422	1.15	3.62	23.3	39,553

Area	27.4	27.1	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	5,827	5,827	0.74	0.09	—	5,872
Water	—	—	—	—	—	—	—	—	—	—	—	226	782	1,008	23.3	0.56	—	1,758
Waste	—	—	—	—	—	—	—	—	—	—	—	399	0.00	399	39.9	0.00	—	1,397
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	143
Stationary	0.09	0.08	0.28	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	38.1	38.1	< 0.005	< 0.005	0.00	38.2
Total	40.7	39.3	26.2	108	0.41	0.52	31.6	32.1	0.49	8.12	8.60	626	45,152	45,778	65.1	4.27	166	48,845

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	88.3	81.1	147	572	2.56	2.88	198	200	2.74	50.8	53.5	—	267,108	267,108	7.57	23.9	363	274,796
Area	159	157	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	34,921	34,921	4.42	0.54	—	35,191
Water	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Total	251	241	160	787	2.59	3.62	198	201	3.41	50.8	54.2	3,768	309,136	312,904	393	27.9	1,224	332,256
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	84.9	77.6	155	498	2.47	2.88	198	200	2.74	50.8	53.5	—	257,792	257,792	7.88	24.2	9.42	265,200
Area	130	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	34,921	34,921	4.42	0.54	—	35,191

Water	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Total	218	210	166	507	2.49	3.36	198	201	3.22	50.8	54.0	3,768	299,088	302,856	393	28.1	871	321,925
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	72.9	66.4	141	451	2.22	2.60	173	176	2.47	44.5	46.9	—	232,072	232,072	6.95	21.9	141	238,900
Area	150	148	1.24	142	0.01	0.18	—	0.18	0.13	—	0.13	—	501	501	0.02	< 0.005	—	503
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	34,921	34,921	4.42	0.54	—	35,191
Water	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	0.49	0.45	1.56	1.15	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	230	230	0.01	< 0.005	0.00	231
Total	223	215	144	593	2.23	2.84	173	176	2.67	44.5	47.1	3,768	272,421	276,189	392	25.8	1,002	294,675
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.3	12.1	25.7	82.2	0.41	0.47	31.6	32.1	0.45	8.12	8.57	—	38,422	38,422	1.15	3.62	23.3	39,553
Area	27.4	27.1	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	5,782	5,782	0.73	0.09	—	5,826
Water	—	—	—	—	—	—	—	—	—	—	—	225	778	1,002	23.1	0.56	—	1,747
Waste	—	—	—	—	—	—	—	—	—	—	—	399	0.00	399	39.9	0.00	—	1,397
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	143
Stationary	0.09	0.08	0.28	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	38.1	38.1	< 0.005	< 0.005	0.00	38.2
Total	40.7	39.3	26.2	108	0.41	0.52	31.6	32.1	0.49	8.12	8.60	624	45,102	45,726	64.9	4.27	166	48,787

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	16.5	15.6	5.65	120	0.29	0.09	31.9	32.0	0.08	8.04	8.13	—	29,165	29,165	1.04	0.76	30.1	29,446
City Park	10.1	9.60	4.90	44.7	0.11	0.06	10.3	10.3	0.06	2.60	2.66	—	10,748	10,748	0.59	0.58	12.9	10,947
Government (Civic Center)	0.31	0.29	0.20	2.08	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	589	589	0.02	0.03	0.73	598
Single Family Housing	30.4	28.4	18.9	195	0.54	0.30	53.9	54.2	0.28	13.7	14.0	—	54,807	54,807	2.17	2.43	67.7	55,653
Apartments Low Rise	5.41	5.05	3.37	34.7	0.10	0.05	9.59	9.64	0.05	2.43	2.48	—	9,747	9,747	0.39	0.43	12.0	9,897
User Defined Industrial	4.54	2.34	105	29.1	1.17	2.23	52.6	54.8	2.13	14.0	16.2	—	125,279	125,279	1.99	18.5	199	131,049
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	11.2	10.6	3.82	81.5	0.20	0.06	21.6	21.6	0.06	5.44	5.50	—	19,730	19,730	0.70	0.51	20.4	19,921
Strip Mall	7.33	6.86	4.47	45.7	0.12	0.07	12.5	12.6	0.06	3.17	3.23	—	12,716	12,716	0.52	0.57	15.7	12,915

Refriger Warehouse-No Rail	2.46	2.32	0.84	17.9	0.04	0.01	4.73	4.74	0.01	1.19	1.21	—	4,327	4,327	0.15	0.11	4.47	4,369
Total	88.3	81.1	147	572	2.56	2.88	198	200	2.74	50.8	53.5	—	267,108	267,108	7.57	23.9	363	274,796
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	16.0	15.0	6.19	103	0.27	0.09	31.9	32.0	0.08	8.04	8.13	—	26,989	26,989	1.10	0.80	0.78	27,257
City Park	9.62	9.13	5.23	40.9	0.10	0.06	10.3	10.3	0.06	2.60	2.66	—	10,117	10,117	0.63	0.60	0.33	10,310
Government (Civic Center)	0.30	0.28	0.21	1.79	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	553	553	0.02	0.03	0.02	561
Single Family Housing	29.1	27.1	20.3	169	0.50	0.30	53.9	54.2	0.28	13.7	14.0	—	51,470	51,470	2.28	2.51	1.76	52,276
Apartments Low Rise	5.18	4.82	3.61	30.0	0.09	0.05	9.59	9.64	0.05	2.43	2.48	—	9,153	9,153	0.41	0.45	0.31	9,297
User Defined Industrial	4.47	2.28	109	29.2	1.17	2.23	52.6	54.8	2.13	14.0	16.2	—	125,303	125,303	1.98	18.5	5.17	130,881
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	10.8	10.2	4.19	69.7	0.18	0.06	21.6	21.6	0.06	5.44	5.50	—	18,259	18,259	0.75	0.54	0.53	18,440
Strip Mall	7.02	6.54	4.79	39.7	0.12	0.07	12.5	12.6	0.06	3.17	3.23	—	11,944	11,944	0.54	0.59	0.41	12,133

Refrigerated Warehouse-No Rail	2.37	2.23	0.92	15.3	0.04	0.01	4.73	4.74	0.01	1.19	1.21	—	4,005	4,005	0.16	0.12	0.12	4,044
Total	84.9	77.6	155	498	2.47	2.88	198	200	2.74	50.8	53.5	—	257,792	257,792	7.88	24.2	9.42	265,200
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	2.72	2.56	1.09	18.4	0.05	0.02	5.40	5.42	0.01	1.36	1.38	—	4,270	4,270	0.17	0.13	2.03	4,314
City Park	0.91	0.86	0.50	4.02	0.01	0.01	0.97	0.97	0.01	0.25	0.25	—	887	887	0.06	0.05	0.48	905
Government (Civic Center)	0.05	0.05	0.04	0.34	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	92.4	92.4	< 0.005	< 0.005	0.05	93.9
Single Family Housing	5.14	4.78	3.66	31.1	0.09	0.05	9.46	9.51	0.05	2.40	2.45	—	8,409	8,409	0.37	0.41	4.73	8,545
Apartments Low Rise	0.84	0.78	0.60	5.06	0.01	0.01	1.54	1.55	0.01	0.39	0.40	—	1,370	1,370	0.06	0.07	0.77	1,392
User Defined Industrial	0.75	0.38	18.3	4.82	0.19	0.37	8.60	8.97	0.35	2.30	2.65	—	18,855	18,855	0.30	2.79	12.9	19,707
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	1.40	1.32	0.56	9.46	0.02	0.01	2.78	2.79	0.01	0.70	0.71	—	2,201	2,201	0.09	0.07	1.05	2,224
Strip Mall	1.11	1.04	0.78	6.56	0.02	0.01	1.97	1.98	0.01	0.50	0.51	—	1,753	1,753	0.08	0.09	0.98	1,781

Refrigerated Warehouse-No Rail	0.37	0.35	0.15	2.52	0.01	< 0.005	0.74	0.74	< 0.005	0.19	0.19	—	586	586	0.02	0.02	0.28	592
Total	13.3	12.1	25.7	82.2	0.41	0.47	31.6	32.1	0.45	8.12	8.57	—	38,422	38,422	1.15	3.62	23.3	39,553

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	16.5	15.6	5.65	120	0.29	0.09	31.9	32.0	0.08	8.04	8.13	—	29,165	29,165	1.04	0.76	30.1	29,446
City Park	10.1	9.60	4.90	44.7	0.11	0.06	10.3	10.3	0.06	2.60	2.66	—	10,748	10,748	0.59	0.58	12.9	10,947
Government (Civic Center)	0.31	0.29	0.20	2.08	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	589	589	0.02	0.03	0.73	598
Single Family Housing	30.4	28.4	18.9	195	0.54	0.30	53.9	54.2	0.28	13.7	14.0	—	54,807	54,807	2.17	2.43	67.7	55,653
Apartments Low Rise	5.41	5.05	3.37	34.7	0.10	0.05	9.59	9.64	0.05	2.43	2.48	—	9,747	9,747	0.39	0.43	12.0	9,897
User Defined Industrial	4.54	2.34	105	29.1	1.17	2.23	52.6	54.8	2.13	14.0	16.2	—	125,279	125,279	1.99	18.5	199	131,049
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Wareho Rail	11.2	10.6	3.82	81.5	0.20	0.06	21.6	21.6	0.06	5.44	5.50	—	19,730	19,730	0.70	0.51	20.4	19,921
Strip Mall	7.33	6.86	4.47	45.7	0.12	0.07	12.5	12.6	0.06	3.17	3.23	—	12,716	12,716	0.52	0.57	15.7	12,915
Refrigerated Warehouse-No Rail	2.46	2.32	0.84	17.9	0.04	0.01	4.73	4.74	0.01	1.19	1.21	—	4,327	4,327	0.15	0.11	4.47	4,369
Total	88.3	81.1	147	572	2.56	2.88	198	200	2.74	50.8	53.5	—	267,108	267,108	7.57	23.9	363	274,796
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	16.0	15.0	6.19	103	0.27	0.09	31.9	32.0	0.08	8.04	8.13	—	26,989	26,989	1.10	0.80	0.78	27,257
City Park	9.62	9.13	5.23	40.9	0.10	0.06	10.3	10.3	0.06	2.60	2.66	—	10,117	10,117	0.63	0.60	0.33	10,310
Government (Civic Center)	0.30	0.28	0.21	1.79	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	553	553	0.02	0.03	0.02	561
Single Family Housing	29.1	27.1	20.3	169	0.50	0.30	53.9	54.2	0.28	13.7	14.0	—	51,470	51,470	2.28	2.51	1.76	52,276
Apartments Low Rise	5.18	4.82	3.61	30.0	0.09	0.05	9.59	9.64	0.05	2.43	2.48	—	9,153	9,153	0.41	0.45	0.31	9,297
User Defined Industrial	4.47	2.28	109	29.2	1.17	2.23	52.6	54.8	2.13	14.0	16.2	—	125,303	125,303	1.98	18.5	5.17	130,881
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehouse-No	10.8	10.2	4.19	69.7	0.18	0.06	21.6	21.6	0.06	5.44	5.50	—	18,259	18,259	0.75	0.54	0.53	18,440
Strip Mall	7.02	6.54	4.79	39.7	0.12	0.07	12.5	12.6	0.06	3.17	3.23	—	11,944	11,944	0.54	0.59	0.41	12,133
Refrigerated Warehouse-No Rail	2.37	2.23	0.92	15.3	0.04	0.01	4.73	4.74	0.01	1.19	1.21	—	4,005	4,005	0.16	0.12	0.12	4,044
Total	84.9	77.6	155	498	2.47	2.88	198	200	2.74	50.8	53.5	—	257,792	257,792	7.88	24.2	9.42	265,200
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	2.72	2.56	1.09	18.4	0.05	0.02	5.40	5.42	0.01	1.36	1.38	—	4,270	4,270	0.17	0.13	2.03	4,314
City Park	0.91	0.86	0.50	4.02	0.01	0.01	0.97	0.97	0.01	0.25	0.25	—	887	887	0.06	0.05	0.48	905
Government (Civic Center)	0.05	0.05	0.04	0.34	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	92.4	92.4	< 0.005	< 0.005	0.05	93.9
Single Family Housing	5.14	4.78	3.66	31.1	0.09	0.05	9.46	9.51	0.05	2.40	2.45	—	8,409	8,409	0.37	0.41	4.73	8,545
Apartments Low Rise	0.84	0.78	0.60	5.06	0.01	0.01	1.54	1.55	0.01	0.39	0.40	—	1,370	1,370	0.06	0.07	0.77	1,392
User Defined Industrial	0.75	0.38	18.3	4.82	0.19	0.37	8.60	8.97	0.35	2.30	2.65	—	18,855	18,855	0.30	2.79	12.9	19,707
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	1.40	1.32	0.56	9.46	0.02	0.01	2.78	2.79	0.01	0.70	0.71	—	2,201	2,201	0.09	0.07	1.05	2,224

Strip Mall	1.11	1.04	0.78	6.56	0.02	0.01	1.97	1.98	0.01	0.50	0.51	—	1,753	1,753	0.08	0.09	0.98	1,781
Refrigerated Warehouse-No Rail	0.37	0.35	0.15	2.52	0.01	< 0.005	0.74	0.74	< 0.005	0.19	0.19	—	586	586	0.02	0.02	0.28	592
Total	13.3	12.1	25.7	82.2	0.41	0.47	31.6	32.1	0.45	8.12	8.57	—	38,422	38,422	1.15	3.62	23.3	39,553

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	9,572	9,572	1.21	0.15	—	9,646
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,854	7,854	0.99	0.12	—	7,915
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,301	1,301	0.16	0.02	—	1,311
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,676	2,676	0.34	0.04	—	2,697
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,302	2,302	0.29	0.04	—	2,320
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	349	349	0.04	0.01	—	351
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	35,197	35,197	4.45	0.54	—	35,469
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	9,572	9,572	1.21	0.15	—	9,646
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,854	7,854	0.99	0.12	—	7,915
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,301	1,301	0.16	0.02	—	1,311
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,676	2,676	0.34	0.04	—	2,697

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,302	2,302	0.29	0.04	—	2,320
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	349	349	0.04	0.01	—	351
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	35,197	35,197	4.45	0.54	—	35,469
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,585	1,585	0.20	0.02	—	1,597
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,300	1,300	0.16	0.02	—	1,310
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	215	215	0.03	< 0.005	—	217
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	443	443	0.06	0.01	—	447
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	381	381	0.05	0.01	—	384

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	57.7	57.7	0.01	< 0.005	—	58.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	5,827	5,827	0.74	0.09	—	5,872

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	9,572	9,572	1.21	0.15	—	9,646
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,624	7,624	0.96	0.12	—	7,683
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,255	1,255	0.16	0.02	—	1,264
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,676	2,676	0.34	0.04	—	2,697

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,302	2,302	0.29	0.04	—	2,320
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	349	349	0.04	0.01	—	351
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	34,921	34,921	4.42	0.54	—	35,191
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	9,572	9,572	1.21	0.15	—	9,646
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,624	7,624	0.96	0.12	—	7,683
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,255	1,255	0.16	0.02	—	1,264
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,676	2,676	0.34	0.04	—	2,697

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,302	2,302	0.29	0.04	—	2,320
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	349	349	0.04	0.01	—	351
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	34,921	34,921	4.42	0.54	—	35,191
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,585	1,585	0.20	0.02	—	1,597
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,262	1,262	0.16	0.02	—	1,272
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	208	208	0.03	< 0.005	—	209
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	443	443	0.06	0.01	—	447

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	381	381	0.05	0.01	—	384
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	57.7	57.7	0.01	< 0.005	—	58.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	5,782	5,782	0.73	0.09	—	5,826

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Apartments	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	118	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	12.0	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	29.7	27.6	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734

Total	159	157	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	118	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	12.0	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	130	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	21.5	21.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.19	2.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.71	3.45	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3
Total	27.4	27.1	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Product	118	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	12.0	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	29.7	27.6	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Total	159	157	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	118	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	12.0	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	130	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	21.5	21.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.19	2.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.71	3.45	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3
Total	27.4	27.1	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	620	1,609	2,229	63.8	1.54	—	4,282
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	168	168	0.02	< 0.005	—	169
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	91.7	1,246	1,338	9.56	0.24	—	1,649
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	20.7	61.1	81.8	2.13	0.05	—	150
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.10	19.7	26.8	0.73	0.02	—	50.3

Refriger Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Total	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	620	1,609	2,229	63.8	1.54	—	4,282
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	168	168	0.02	< 0.005	—	169
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	91.7	1,246	1,338	9.56	0.24	—	1,649
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	20.7	61.1	81.8	2.13	0.05	—	150
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.10	19.7	26.8	0.73	0.02	—	50.3

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Total	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	103	266	369	10.6	0.25	—	709
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	27.8	27.8	< 0.005	< 0.005	—	28.1
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	15.2	206	221	1.58	0.04	—	273
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	3.43	10.1	13.5	0.35	0.01	—	24.9
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	184	5.28	0.13	—	354
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	1.17	3.26	4.43	0.12	< 0.005	—	8.32

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	184	5.28	0.13	—	354
Total	—	—	—	—	—	—	—	—	—	—	—	226	782	1,008	23.3	0.56	—	1,758

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	620	1,609	2,229	63.8	1.54	—	4,282
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	168	168	0.02	< 0.005	—	169
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	83.2	1,224	1,307	8.69	0.22	—	1,591
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	18.8	56.2	75.0	1.94	0.05	—	137
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.10	19.7	26.8	0.73	0.02	—	50.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Total	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	620	1,609	2,229	63.8	1.54	—	4,282
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	168	168	0.02	< 0.005	—	169
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	83.2	1,224	1,307	8.69	0.22	—	1,591
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	18.8	56.2	75.0	1.94	0.05	—	137
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.10	19.7	26.8	0.73	0.02	—	50.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Total	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	103	266	369	10.6	0.25	—	709
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	27.8	27.8	< 0.005	< 0.005	—	28.1
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	13.8	203	216	1.44	0.04	—	263
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	3.11	9.31	12.4	0.32	0.01	—	22.7
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	184	5.28	0.13	—	354

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	1.17	3.26	4.43	0.12	< 0.005	—	8.32
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	184	5.28	0.13	—	354
Total	—	—	—	—	—	—	—	—	—	—	—	225	778	1,002	23.1	0.56	—	1,747

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	936	0.00	936	93.5	0.00	—	3,273
City Park	—	—	—	—	—	—	—	—	—	—	—	1.34	0.00	1.34	0.13	0.00	—	4.69
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	581	0.00	581	58.1	0.00	—	2,032
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	106	0.00	106	10.6	0.00	—	371
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.3	0.00	28.3	2.83	0.00	—	99.0
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	936	0.00	936	93.5	0.00	—	3,273
City Park	—	—	—	—	—	—	—	—	—	—	—	1.34	0.00	1.34	0.13	0.00	—	4.69
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	581	0.00	581	58.1	0.00	—	2,032
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	106	0.00	106	10.6	0.00	—	371
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.3	0.00	28.3	2.83	0.00	—	99.0
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	155	0.00	155	15.5	0.00	—	542
City Park	—	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	—	0.78
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	96.2	0.00	96.2	9.61	0.00	—	336
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.75	0.00	—	61.4
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	4.68	0.00	4.68	0.47	0.00	—	16.4
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	399	0.00	399	39.9	0.00	—	1,397

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	936	0.00	936	93.5	0.00	—	3,273
City Park	—	—	—	—	—	—	—	—	—	—	—	1.34	0.00	1.34	0.13	0.00	—	4.69
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	581	0.00	581	58.1	0.00	—	2,032
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	106	0.00	106	10.6	0.00	—	371
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.3	0.00	28.3	2.83	0.00	—	99.0
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	936	0.00	936	93.5	0.00	—	3,273
City Park	—	—	—	—	—	—	—	—	—	—	—	1.34	0.00	1.34	0.13	0.00	—	4.69
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	581	0.00	581	58.1	0.00	—	2,032
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	106	0.00	106	10.6	0.00	—	371
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.3	0.00	28.3	2.83	0.00	—	99.0
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	155	0.00	155	15.5	0.00	—	542
City Park	—	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	—	0.78
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	96.2	0.00	96.2	9.61	0.00	—	336
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.75	0.00	—	61.4
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	4.68	0.00	4.68	0.47	0.00	—	16.4
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	399	0.00	399	39.9	0.00	—	1,397

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7

Apartments	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.81	1.81
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.81	1.81
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.7	21.7
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.43	2.43
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.30	0.30
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	143

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

Govern (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.81	1.81
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.81	1.81
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26

Refriger Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.7	21.7
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.43	2.43
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.30	0.30
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	143

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.05	0.05	0.14	0.13	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	22.8	22.8	< 0.005	< 0.005	0.00	22.9
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.09	0.08	0.28	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	38.1	38.1	< 0.005	< 0.005	0.00	38.2

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.05	0.05	0.14	0.13	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	22.8	22.8	< 0.005	< 0.005	0.00	22.9
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.09	0.08	0.28	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	38.1	38.1	< 0.005	< 0.005	0.00	38.2

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	6,468	5,246	5,180	2,229,931	45,808	37,152	36,686	15,792,925
City Park	1,446	3,634	4,060	778,155	5,173	12,998	14,523	2,783,675
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	11,100	11,218	10,054	4,003,182	75,491	76,291	68,375	27,224,902
Apartments Low Rise	1,794	1,995	1,539	651,973	12,200	13,568	10,467	4,433,949
User Defined Industrial	1,011	697	680	335,362	60,648	41,832	40,824	20,121,720
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehouse-No Rail	4,376	116	46.2	1,149,276	30,990	823	327	8,139,454
Strip Mall	2,724	2,102	1,022	873,054	17,673	13,637	6,627	5,664,189
Refrigerated Warehouse-No Rail	960	545	522	305,797	6,797	3,857	3,693	2,165,730

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	6,468	5,246	5,180	2,229,931	45,808	37,152	36,686	15,792,925
City Park	1,446	3,634	4,060	778,155	5,173	12,998	14,523	2,783,675
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	11,100	11,218	10,054	4,003,182	75,491	76,291	68,375	27,224,902
Apartments Low Rise	1,794	1,995	1,539	651,973	12,200	13,568	10,467	4,433,949
User Defined Industrial	1,011	697	680	335,362	60,648	41,832	40,824	20,121,720
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	4,376	116	46.2	1,149,276	30,990	823	327	8,139,454
Strip Mall	2,724	2,102	1,022	873,054	17,673	13,637	6,627	5,664,189
Refrigerated Warehouse-No Rail	960	545	522	305,797	6,797	3,857	3,693	2,165,730

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
5218647.75	1,739,549	4,299,750	1,433,250	256,551

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	13,396,700	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	10,992,290	261	0.0330	0.0040	0.00
Apartments Low Rise	1,821,246	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00

Parking Lot	3,745,644	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	3,221,646	261	0.0330	0.0040	0.00
Strip Mall	487,920	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	13,396,700	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	10,671,199	261	0.0330	0.0040	0.00
Apartments Low Rise	1,756,051	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	3,745,644	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	3,221,646	261	0.0330	0.0040	0.00
Strip Mall	487,920	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	323,750,000	8,963,582
City Park	0.00	44,356,668

Government (Civic Center)	3,277,885	512,488
Single Family Housing	47,873,033	267,162,322
Apartments Low Rise	10,819,224	2,233,647
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	161,875,000	3,529,354
Strip Mall	3,703,626	435,128
Refrigerated Warehouse-No Rail	161,875,000	3,529,354

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	323,750,000	8,963,582
City Park	0.00	44,356,668
Government (Civic Center)	3,277,885	512,488
Single Family Housing	43,435,203	267,162,322
Apartments Low Rise	9,816,282	2,233,647
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	161,875,000	3,529,354
Strip Mall	3,703,626	435,128
Refrigerated Warehouse-No Rail	161,875,000	3,529,354

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1,736	—
City Park	2.49	—

Government (Civic Center)	94.0	—
Single Family Housing	1,078	—
Apartments Low Rise	197	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	658	—
Strip Mall	52.5	—
Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1,736	—
City Park	2.49	—
Government (Civic Center)	94.0	—
Single Family Housing	1,078	—
Apartments Low Rise	197	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	658	—
Strip Mall	52.5	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0

City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit

Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3

Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100

Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0

Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—

Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.

Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

15218 Mesa Verde Ph3 Ops HCCS Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph3 Ops HCCS
Operational Year	2038
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	2,100	1000sqft	48.2	2,100,000	756,811	—	—	—
City Park	37.8	Acre	37.8	0.00	1,646,568	1,646,568	—	—

Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	1,624	Dwelling Unit	527	3,166,800	19,021,680	—	5,246	—
Apartments Low Rise	347	Dwelling Unit	21.7	367,820	115,260	—	1,121	—
User Defined Industrial	4,200	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	111	Acre	111	0.00	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	1,400	1000sqft	32.1	1,400,000	305,225	—	—	—
Strip Mall	300	1000sqft	6.89	300,000	154,899	—	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	305,225	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	383	368	210	1,235	3.78	4.74	316	320	4.46	80.8	85.3	5,693	446,809	452,502	593	37.8	1,282	479,867
Mit.	383	368	210	1,235	3.78	4.74	316	320	4.46	80.8	85.3	5,679	446,395	452,074	591	37.8	1,282	479,389

% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	333	321	218	807	3.61	4.34	316	320	4.16	80.8	85.0	5,693	430,236	435,929	593	38.1	943	463,070
Mit.	333	321	218	807	3.61	4.34	316	320	4.16	80.8	85.0	5,679	429,822	435,501	592	38.1	943	462,592
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	341	329	190	932	3.25	3.74	276	280	3.51	70.7	74.2	5,693	392,465	398,158	592	35.3	1,069	424,533
Mit.	341	329	190	932	3.25	3.74	276	280	3.51	70.7	74.2	5,679	392,052	397,731	590	35.2	1,069	424,055
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	62.2	60.0	34.8	170	0.59	0.68	50.4	51.0	0.64	12.9	13.5	943	64,977	65,920	98.0	5.84	177	70,286
Mit.	62.2	60.0	34.8	170	0.59	0.68	50.4	51.0	0.64	12.9	13.5	940	64,909	65,849	97.7	5.83	177	70,207
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	141	131	193	915	3.74	3.71	316	319	3.53	80.8	84.4	—	388,795	388,795	11.5	31.9	347	398,936
Area	237	233	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,766	47,766	6.04	0.73	—	48,136

Water	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Total	383	368	210	1,235	3.78	4.74	316	320	4.46	80.8	85.3	5,693	446,809	452,502	593	37.8	1,282	479,867
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	137	126	204	796	3.59	3.71	316	319	3.53	80.8	84.4	—	373,329	373,329	11.9	32.3	9.01	383,250
Area	192	192	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,766	47,766	6.04	0.73	—	48,136
Water	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Total	333	321	218	807	3.61	4.34	316	320	4.16	80.8	85.0	5,693	430,236	435,929	593	38.1	943	463,070
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	118	108	187	719	3.23	3.38	276	279	3.22	70.7	74.0	—	336,684	336,684	10.6	29.4	135	345,842
Area	222	220	1.84	212	0.01	0.27	—	0.27	0.21	—	0.21	—	758	758	0.03	0.01	—	761
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,766	47,766	6.04	0.73	—	48,136
Water	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	0.64	0.58	1.94	1.49	< 0.005	0.09	0.00	0.09	0.09	0.00	0.09	0.00	299	299	0.01	< 0.005	0.00	300
Total	341	329	190	932	3.25	3.74	276	280	3.51	70.7	74.2	5,693	392,465	398,158	592	35.3	1,069	424,533
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	21.5	19.7	34.1	131	0.59	0.62	50.4	51.0	0.59	12.9	13.5	—	55,742	55,742	1.75	4.87	22.4	57,258

Area	40.6	40.2	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	7,908	7,908	1.00	0.12	—	7,969
Water	—	—	—	—	—	—	—	—	—	—	—	342	1,152	1,494	35.2	0.85	—	2,626
Waste	—	—	—	—	—	—	—	—	—	—	—	601	0.00	601	60.1	0.00	—	2,102
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	155	155
Stationary	0.12	0.11	0.35	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	49.5	49.5	< 0.005	< 0.005	0.00	49.7
Total	62.2	60.0	34.8	170	0.59	0.68	50.4	51.0	0.64	12.9	13.5	943	64,977	65,920	98.0	5.84	177	70,286

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	141	131	193	915	3.74	3.71	316	319	3.53	80.8	84.4	—	388,795	388,795	11.5	31.9	347	398,936
Area	237	233	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,389	47,389	6.00	0.73	—	47,756
Water	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Total	383	368	210	1,235	3.78	4.74	316	320	4.46	80.8	85.3	5,679	446,395	452,074	591	37.8	1,282	479,389
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	137	126	204	796	3.59	3.71	316	319	3.53	80.8	84.4	—	373,329	373,329	11.9	32.3	9.01	383,250
Area	192	192	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,389	47,389	6.00	0.73	—	47,756

Water	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Total	333	321	218	807	3.61	4.34	316	320	4.16	80.8	85.0	5,679	429,822	435,501	592	38.1	943	462,592
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	118	108	187	719	3.23	3.38	276	279	3.22	70.7	74.0	—	336,684	336,684	10.6	29.4	135	345,842
Area	222	220	1.84	212	0.01	0.27	—	0.27	0.21	—	0.21	—	758	758	0.03	0.01	—	761
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,389	47,389	6.00	0.73	—	47,756
Water	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	0.64	0.58	1.94	1.49	< 0.005	0.09	0.00	0.09	0.09	0.00	0.09	0.00	299	299	0.01	< 0.005	0.00	300
Total	341	329	190	932	3.25	3.74	276	280	3.51	70.7	74.2	5,679	392,052	397,731	590	35.2	1,069	424,055
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	21.5	19.7	34.1	131	0.59	0.62	50.4	51.0	0.59	12.9	13.5	—	55,742	55,742	1.75	4.87	22.4	57,258
Area	40.6	40.2	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	7,846	7,846	0.99	0.12	—	7,906
Water	—	—	—	—	—	—	—	—	—	—	—	339	1,146	1,485	34.9	0.84	—	2,610
Waste	—	—	—	—	—	—	—	—	—	—	—	601	0.00	601	60.1	0.00	—	2,102
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	155	155
Stationary	0.12	0.11	0.35	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	49.5	49.5	< 0.005	< 0.005	0.00	49.7
Total	62.2	60.0	34.8	170	0.59	0.68	50.4	51.0	0.64	12.9	13.5	940	64,909	65,849	97.7	5.83	177	70,207

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	22.9	21.7	7.64	165	0.40	0.11	45.8	45.9	0.10	11.5	11.7	—	40,947	40,947	1.40	1.07	25.4	41,324
City Park	12.1	11.5	5.89	55.2	0.13	0.07	13.4	13.5	0.07	3.40	3.47	—	13,572	13,572	0.71	0.72	10.5	13,814
Government (Civic Center)	0.29	0.27	0.18	1.97	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	568	568	0.02	0.02	0.45	576
Single Family Housing	38.2	35.8	22.8	243	0.67	0.34	69.9	70.2	0.31	17.7	18.0	—	68,738	68,738	2.68	3.02	54.5	69,760
Apartments Low Rise	6.42	6.01	3.84	40.9	0.11	0.06	11.8	11.8	0.05	2.98	3.03	—	11,557	11,557	0.45	0.51	9.17	11,729
User Defined Industrial	5.39	2.65	125	33.8	1.43	2.74	68.6	71.3	2.62	18.3	20.9	—	153,498	153,498	2.49	22.9	175	160,559
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	20.7	19.6	6.89	149	0.37	0.10	41.3	41.4	0.09	10.4	10.5	—	36,929	36,929	1.26	0.96	22.9	37,270
Strip Mall	33.1	31.0	19.7	209	0.58	0.29	59.9	60.2	0.27	15.2	15.5	—	58,936	58,936	2.31	2.60	46.7	59,816

Refriger Warehouse-No Rail	2.27	2.14	0.76	16.4	0.04	0.01	4.53	4.54	0.01	1.14	1.15	—	4,050	4,050	0.14	0.11	2.51	4,088
Total	141	131	193	915	3.74	3.71	316	319	3.53	80.8	84.4	—	388,795	388,795	11.5	31.9	347	398,936
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	22.2	20.9	8.35	141	0.37	0.11	45.8	45.9	0.10	11.5	11.7	—	37,897	37,897	1.48	1.13	0.66	38,271
City Park	11.7	11.1	6.31	50.3	0.12	0.07	13.4	13.5	0.07	3.40	3.47	—	12,766	12,766	0.76	0.74	0.27	13,005
Government (Civic Center)	0.28	0.26	0.19	1.69	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	533	533	0.02	0.03	0.01	541
Single Family Housing	36.8	34.3	24.5	211	0.63	0.34	69.9	70.2	0.32	17.7	18.0	—	64,513	64,513	2.81	3.12	1.41	65,514
Apartments Low Rise	6.19	5.77	4.11	35.4	0.11	0.06	11.8	11.8	0.05	2.98	3.03	—	10,847	10,847	0.47	0.52	0.24	11,015
User Defined Industrial	5.30	2.57	131	33.9	1.43	2.74	68.6	71.3	2.62	18.3	20.9	—	153,531	153,531	2.49	22.9	4.55	160,424
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	20.0	18.9	7.54	128	0.34	0.10	41.3	41.4	0.09	10.4	10.5	—	34,178	34,178	1.34	1.02	0.59	34,516
Strip Mall	31.9	29.8	21.1	181	0.54	0.29	59.9	60.2	0.27	15.2	15.5	—	55,316	55,316	2.42	2.68	1.21	56,178

Refrigerated Warehouse-No Rail	2.19	2.07	0.83	14.0	0.04	0.01	4.53	4.54	0.01	1.14	1.15	—	3,749	3,749	0.15	0.11	0.07	3,786
Total	137	126	204	796	3.59	3.71	316	319	3.53	80.8	84.4	—	373,329	373,329	11.9	32.3	9.01	383,250
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.78	3.56	1.48	25.2	0.07	0.02	7.76	7.78	0.02	1.96	1.98	—	5,996	5,996	0.23	0.18	1.71	6,057
City Park	1.10	1.05	0.61	4.95	0.01	0.01	1.26	1.27	0.01	0.32	0.33	—	1,120	1,120	0.07	0.06	0.39	1,141
Government (Civic Center)	0.05	0.05	0.04	0.32	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	89.1	89.1	< 0.005	< 0.005	0.03	90.5
Single Family Housing	6.49	6.05	4.40	38.8	0.11	0.06	12.3	12.3	0.06	3.11	3.17	—	10,541	10,541	0.46	0.51	3.81	10,708
Apartments Low Rise	1.00	0.93	0.68	5.97	0.02	0.01	1.89	1.90	0.01	0.48	0.49	—	1,623	1,623	0.07	0.08	0.59	1,649
User Defined Industrial	0.90	0.44	22.2	5.66	0.24	0.46	11.3	11.8	0.44	3.03	3.47	—	23,352	23,352	0.38	3.48	11.5	24,412
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.59	2.45	1.01	17.3	0.04	0.01	5.33	5.34	0.01	1.35	1.36	—	4,119	4,119	0.16	0.12	1.18	4,161
Strip Mall	5.26	4.90	3.55	31.2	0.09	0.05	9.82	9.87	0.05	2.49	2.54	—	8,443	8,443	0.37	0.41	3.05	8,577

Refrigerated Warehouse-No Rail	0.29	0.27	0.11	1.93	< 0.005	< 0.005	0.59	0.59	< 0.005	0.15	0.15	—	459	459	0.02	0.01	0.13	463
Total	21.5	19.7	34.1	131	0.59	0.62	50.4	51.0	0.59	12.9	13.5	—	55,742	55,742	1.75	4.87	22.4	57,258

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	22.9	21.7	7.64	165	0.40	0.11	45.8	45.9	0.10	11.5	11.7	—	40,947	40,947	1.40	1.07	25.4	41,324
City Park	12.1	11.5	5.89	55.2	0.13	0.07	13.4	13.5	0.07	3.40	3.47	—	13,572	13,572	0.71	0.72	10.5	13,814
Government (Civic Center)	0.29	0.27	0.18	1.97	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	568	568	0.02	0.02	0.45	576
Single Family Housing	38.2	35.8	22.8	243	0.67	0.34	69.9	70.2	0.31	17.7	18.0	—	68,738	68,738	2.68	3.02	54.5	69,760
Apartments Low Rise	6.42	6.01	3.84	40.9	0.11	0.06	11.8	11.8	0.05	2.98	3.03	—	11,557	11,557	0.45	0.51	9.17	11,729
User Defined Industrial	5.39	2.65	125	33.8	1.43	2.74	68.6	71.3	2.62	18.3	20.9	—	153,498	153,498	2.49	22.9	175	160,559
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Wareho Rail	20.7	19.6	6.89	149	0.37	0.10	41.3	41.4	0.09	10.4	10.5	—	36,929	36,929	1.26	0.96	22.9	37,270
Strip Mall	33.1	31.0	19.7	209	0.58	0.29	59.9	60.2	0.27	15.2	15.5	—	58,936	58,936	2.31	2.60	46.7	59,816
Refrigerated Warehouse-No Rail	2.27	2.14	0.76	16.4	0.04	0.01	4.53	4.54	0.01	1.14	1.15	—	4,050	4,050	0.14	0.11	2.51	4,088
Total	141	131	193	915	3.74	3.71	316	319	3.53	80.8	84.4	—	388,795	388,795	11.5	31.9	347	398,936
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	22.2	20.9	8.35	141	0.37	0.11	45.8	45.9	0.10	11.5	11.7	—	37,897	37,897	1.48	1.13	0.66	38,271
City Park	11.7	11.1	6.31	50.3	0.12	0.07	13.4	13.5	0.07	3.40	3.47	—	12,766	12,766	0.76	0.74	0.27	13,005
Government (Civic Center)	0.28	0.26	0.19	1.69	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	533	533	0.02	0.03	0.01	541
Single Family Housing	36.8	34.3	24.5	211	0.63	0.34	69.9	70.2	0.32	17.7	18.0	—	64,513	64,513	2.81	3.12	1.41	65,514
Apartments Low Rise	6.19	5.77	4.11	35.4	0.11	0.06	11.8	11.8	0.05	2.98	3.03	—	10,847	10,847	0.47	0.52	0.24	11,015
User Defined Industrial	5.30	2.57	131	33.9	1.43	2.74	68.6	71.3	2.62	18.3	20.9	—	153,531	153,531	2.49	22.9	4.55	160,424
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehouse-No	20.0	18.9	7.54	128	0.34	0.10	41.3	41.4	0.09	10.4	10.5	—	34,178	34,178	1.34	1.02	0.59	34,516
Strip Mall	31.9	29.8	21.1	181	0.54	0.29	59.9	60.2	0.27	15.2	15.5	—	55,316	55,316	2.42	2.68	1.21	56,178
Refrigerated Warehouse-No Rail	2.19	2.07	0.83	14.0	0.04	0.01	4.53	4.54	0.01	1.14	1.15	—	3,749	3,749	0.15	0.11	0.07	3,786
Total	137	126	204	796	3.59	3.71	316	319	3.53	80.8	84.4	—	373,329	373,329	11.9	32.3	9.01	383,250
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.78	3.56	1.48	25.2	0.07	0.02	7.76	7.78	0.02	1.96	1.98	—	5,996	5,996	0.23	0.18	1.71	6,057
City Park	1.10	1.05	0.61	4.95	0.01	0.01	1.26	1.27	0.01	0.32	0.33	—	1,120	1,120	0.07	0.06	0.39	1,141
Government (Civic Center)	0.05	0.05	0.04	0.32	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	89.1	89.1	< 0.005	< 0.005	0.03	90.5
Single Family Housing	6.49	6.05	4.40	38.8	0.11	0.06	12.3	12.3	0.06	3.11	3.17	—	10,541	10,541	0.46	0.51	3.81	10,708
Apartments Low Rise	1.00	0.93	0.68	5.97	0.02	0.01	1.89	1.90	0.01	0.48	0.49	—	1,623	1,623	0.07	0.08	0.59	1,649
User Defined Industrial	0.90	0.44	22.2	5.66	0.24	0.46	11.3	11.8	0.44	3.03	3.47	—	23,352	23,352	0.38	3.48	11.5	24,412
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.59	2.45	1.01	17.3	0.04	0.01	5.33	5.34	0.01	1.35	1.36	—	4,119	4,119	0.16	0.12	1.18	4,161

Strip Mall	5.26	4.90	3.55	31.2	0.09	0.05	9.82	9.87	0.05	2.49	2.54	—	8,443	8,443	0.37	0.41	3.05	8,577
Refrigerated Warehouse-No Rail	0.29	0.27	0.11	1.93	< 0.005	< 0.005	0.59	0.59	< 0.005	0.15	0.15	—	459	459	0.02	0.01	0.13	463
Total	21.5	19.7	34.1	131	0.59	0.62	50.4	51.0	0.59	12.9	13.5	—	55,742	55,742	1.75	4.87	22.4	57,258

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	10,837	10,837	1.37	0.17	—	10,920
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,698	1,698	0.21	0.03	—	1,711
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,036	3,036	0.38	0.05	—	3,059
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	47,766	47,766	6.04	0.73	—	48,136
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	10,837	10,837	1.37	0.17	—	10,920
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,698	1,698	0.21	0.03	—	1,711
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,036	3,036	0.38	0.05	—	3,059

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	47,766	47,766	6.04	0.73	—	48,136
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,794	1,794	0.23	0.03	—	1,808
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	281	281	0.04	< 0.005	—	283
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	503	503	0.06	0.01	—	507
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	7,908	7,908	1.00	0.12	—	7,969

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	10,520	10,520	1.33	0.16	—	10,601
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,637	1,637	0.21	0.03	—	1,649
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,036	3,036	0.38	0.05	—	3,059

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	47,389	47,389	6.00	0.73	—	47,756
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	10,520	10,520	1.33	0.16	—	10,601
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,637	1,637	0.21	0.03	—	1,649
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,036	3,036	0.38	0.05	—	3,059

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	47,389	47,389	6.00	0.73	—	47,756
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,742	1,742	0.22	0.03	—	1,755
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	271	271	0.03	< 0.005	—	273
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	503	503	0.06	0.01	—	507

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	7,846	7,846	0.99	0.12	—	7,906

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Apartments	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	174	174	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.9	17.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	45.2	42.0	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111

Total	237	233	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	174	174	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.9	17.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	192	192	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	31.7	31.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	3.27	3.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	5.65	5.25	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126
Total	40.6	40.2	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Product	174	174	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.9	17.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	45.2	42.0	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Total	237	233	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	174	174	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.9	17.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	192	192	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	31.7	31.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	3.27	3.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	5.65	5.25	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126
Total	40.6	40.2	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	220	220	0.03	< 0.005	—	222
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	127	1,719	1,846	13.2	0.33	—	2,275
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	27.0	77.1	104	2.78	0.07	—	194
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301

Refriger Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	220	220	0.03	< 0.005	—	222
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	127	1,719	1,846	13.2	0.33	—	2,275
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	27.0	77.1	104	2.78	0.07	—	194
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	36.4	36.4	< 0.005	< 0.005	—	36.7
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	21.0	285	306	2.18	0.06	—	377
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	4.48	12.8	17.2	0.46	0.01	—	32.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	264	366	10.6	0.25	—	706
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	355
Total	—	—	—	—	—	—	—	—	—	—	—	342	1,152	1,494	35.2	0.85	—	2,626

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	220	220	0.03	< 0.005	—	222
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	115	1,689	1,804	12.0	0.31	—	2,195
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	24.5	70.8	95.3	2.53	0.06	—	177
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	220	220	0.03	< 0.005	—	222
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	115	1,689	1,804	12.0	0.31	—	2,195
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	24.5	70.8	95.3	2.53	0.06	—	177
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	36.4	36.4	< 0.005	< 0.005	—	36.7
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	19.0	280	299	1.98	0.05	—	363
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	4.06	11.7	15.8	0.42	0.01	—	29.2
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	264	366	10.6	0.25	—	706

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	355
Total	—	—	—	—	—	—	—	—	—	—	—	339	1,146	1,485	34.9	0.84	—	2,610

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	1.75	0.00	1.75	0.18	0.00	—	6.13
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	801	0.00	801	80.1	0.00	—	2,804
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	138	0.00	138	13.8	0.00	—	484
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	1.75	0.00	1.75	0.18	0.00	—	6.13
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	801	0.00	801	80.1	0.00	—	2,804
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	138	0.00	138	13.8	0.00	—	484
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.29	0.00	0.29	0.03	0.00	—	1.01
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	133	0.00	133	13.3	0.00	—	464
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	22.9	0.00	22.9	2.29	0.00	—	80.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	601	0.00	601	60.1	0.00	—	2,102

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	1.75	0.00	1.75	0.18	0.00	—	6.13
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	801	0.00	801	80.1	0.00	—	2,804
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	138	0.00	138	13.8	0.00	—	484
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	1.75	0.00	1.75	0.18	0.00	—	6.13
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	801	0.00	801	80.1	0.00	—	2,804
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	138	0.00	138	13.8	0.00	—	484
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.29	0.00	0.29	0.03	0.00	—	1.01
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	133	0.00	133	13.3	0.00	—	464
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	22.9	0.00	22.9	2.29	0.00	—	80.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	601	0.00	601	60.1	0.00	—	2,102

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.3	20.3

Apartments	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.36	2.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.3	20.3
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.36	2.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.36	3.36
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	155	155

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

Govern (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.3	20.3
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.36	2.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.3	20.3
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.36	2.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57

Refriger Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.36	3.36
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	155	155

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	3.25	2.95	8.26	7.53	0.01	0.43	0.00	0.43	0.43	0.00	0.43	0.00	1,511	1,511	0.06	0.01	0.00	1,516
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	3.25	2.95	8.26	7.53	0.01	0.43	0.00	0.43	0.43	0.00	0.43	0.00	1,511	1,511	0.06	0.01	0.00	1,516
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.08	0.07	0.21	0.19	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	34.3	34.3	< 0.005	< 0.005	0.00	34.4
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.12	0.11	0.35	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	49.5	49.5	< 0.005	< 0.005	0.00	49.7

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	3.25	2.95	8.26	7.53	0.01	0.43	0.00	0.43	0.43	0.00	0.43	0.00	1,511	1,511	0.06	0.01	0.00	1,516
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	3.25	2.95	8.26	7.53	0.01	0.43	0.00	0.43	0.43	0.00	0.43	0.00	1,511	1,511	0.06	0.01	0.00	1,516
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.08	0.07	0.21	0.19	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	34.3	34.3	< 0.005	< 0.005	0.00	34.4
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.12	0.11	0.35	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	49.5	49.5	< 0.005	< 0.005	0.00	49.7

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	65,749	53,325	52,656	22,667,863
City Park	1,890	4,749	5,307	1,017,087	6,765	16,999	18,994	3,640,568
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	15,314	15,477	13,871	5,522,914	97,881	98,919	88,653	35,299,468
Apartments Low Rise	2,340	2,602	2,007	850,470	14,957	16,632	12,830	5,435,744
User Defined Industrial	1,323	958	937	443,694	79,380	57,456	56,196	26,621,640
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	59,297	1,575	626	15,574,463
Strip Mall	13,452	12,612	6,129	4,484,338	84,771	79,477	38,623	28,258,988
Refrigerated Warehouse-No Rail	960	77.0	30.8	255,829	6,504	522	209	1,733,711

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	65,749	53,325	52,656	22,667,863
City Park	1,890	4,749	5,307	1,017,087	6,765	16,999	18,994	3,640,568
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	15,314	15,477	13,871	5,522,914	97,881	98,919	88,653	35,299,468
Apartments Low Rise	2,340	2,602	2,007	850,470	14,957	16,632	12,830	5,435,744
User Defined Industrial	1,323	958	937	443,694	79,380	57,456	56,196	26,621,640
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	59,297	1,575	626	15,574,463
Strip Mall	13,452	12,612	6,129	4,484,338	84,771	79,477	38,623	28,258,988
Refrigerated Warehouse-No Rail	960	77.0	30.8	255,829	6,504	522	209	1,733,711

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
7157605.5	2,385,869	6,774,750	2,258,250	291,024

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	15,166,932	261	0.0330	0.0040	0.00
Apartments Low Rise	2,375,836	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00

Parking Lot	4,248,956	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	14,723,897	261	0.0330	0.0040	0.00
Apartments Low Rise	2,290,788	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	4,248,956	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	58,016,681

Government (Civic Center)	3,277,885	512,488
Single Family Housing	66,054,211	368,624,984
Apartments Low Rise	14,113,800	2,233,647
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	4,839,559
Strip Mall	22,221,756	2,456,034
Refrigerated Warehouse-No Rail	161,875,000	4,839,559

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	58,016,681
Government (Civic Center)	3,277,885	512,488
Single Family Housing	59,930,985	368,624,984
Apartments Low Rise	12,805,451	2,233,647
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	4,839,559
Strip Mall	22,221,756	2,456,034
Refrigerated Warehouse-No Rail	161,875,000	4,839,559

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	3.25	—

Government (Civic Center)	94.0	—
Single Family Housing	1,487	—
Apartments Low Rise	257	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	3.25	—
Government (Civic Center)	94.0	—
Single Family Housing	1,487	—
Apartments Low Rise	257	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0

City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3

AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357

Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9

High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1

Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

15218 Mesa Verde Ph4 Ops HCCS Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph4 Ops HCCS
Operational Year	2040
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	2,100	1000sqft	48.2	2,100,000	756,811	—	—	—
City Park	54.3	Acre	54.3	0.00	2,365,308	2,365,308	—	—

Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	2,313	Dwelling Unit	751	4,510,350	27,091,838	—	7,471	—
Apartments Low Rise	541	Dwelling Unit	33.8	573,460	178,073	—	1,747	—
User Defined Industrial	4,200	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	122	Acre	122	0.00	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	1,400	1000sqft	32.1	1,400,000	305,225	—	—	—
Strip Mall	300	1000sqft	6.89	300,000	154,899	—	—	—
General Office Building	240	1000sqft	5.51	240,000	111,601	—	—	—
Elementary School	600	Student	1.15	50,162	71,351	71,351	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	305,225	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	456	440	220	1,417	4.05	4.94	352	357	4.65	90.0	94.6	6,443	484,043	490,486	671	39.1	1,221	520,125
Mit.	456	440	220	1,417	4.05	4.94	352	357	4.65	90.0	94.6	6,423	483,445	489,868	669	39.0	1,221	519,434
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	398	386	228	916	3.86	4.50	352	356	4.31	90.0	94.3	6,443	465,283	471,726	671	39.5	952	501,227
Mit.	398	386	228	916	3.86	4.50	352	356	4.31	90.0	94.3	6,423	464,685	471,108	669	39.4	952	500,536
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	406	393	196	1,067	3.45	3.79	306	310	3.55	78.4	81.9	6,443	423,195	429,639	670	36.4	1,052	458,280
Mit.	406	393	196	1,067	3.45	3.79	306	310	3.55	78.4	81.9	6,423	422,597	429,020	668	36.3	1,052	457,589
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	74.1	71.7	35.8	195	0.63	0.69	55.9	56.6	0.65	14.3	14.9	1,067	70,065	71,132	111	6.03	174	75,873
Mit.	74.1	71.7	35.8	195	0.63	0.69	55.9	56.6	0.65	14.3	14.9	1,063	69,966	71,029	111	6.02	174	75,759
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	163	151	199	1,032	4.00	3.72	352	355	3.54	90.0	93.5	—	415,191	415,191	12.7	32.7	277	425,517

Area	287	283	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,816	56,816	7.19	0.87	—	57,255
Water	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	456	440	220	1,417	4.05	4.94	352	357	4.65	90.0	94.6	6,443	484,043	490,486	671	39.1	1,221	520,125
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	158	146	211	902	3.83	3.72	352	355	3.54	90.0	93.5	—	397,724	397,724	13.3	33.1	7.18	407,917
Area	235	235	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,816	56,816	7.19	0.87	—	57,255
Water	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	398	386	228	916	3.86	4.50	352	356	4.31	90.0	94.3	6,443	465,283	471,726	671	39.5	952	501,227
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	135	124	192	810	3.44	3.38	306	309	3.21	78.4	81.6	—	357,069	357,069	11.7	30.0	107	366,407
Area	270	268	2.23	255	0.01	0.30	—	0.30	0.23	—	0.23	—	885	885	0.04	0.01	—	888
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,816	56,816	7.19	0.87	—	57,255
Water	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	0.79	0.72	2.31	1.83	< 0.005	0.11	0.00	0.11	0.11	0.00	0.11	0.00	368	368	0.01	< 0.005	0.00	369
Total	406	393	196	1,067	3.45	3.79	306	310	3.55	78.4	81.9	6,443	423,195	429,639	670	36.4	1,052	458,280

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	24.6	22.7	35.0	148	0.63	0.62	55.9	56.5	0.59	14.3	14.9	—	59,117	59,117	1.94	4.97	17.8	60,663
Area	49.4	48.9	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	9,407	9,407	1.19	0.14	—	9,479
Water	—	—	—	—	—	—	—	—	—	—	—	367	1,334	1,701	37.8	0.91	—	2,919
Waste	—	—	—	—	—	—	—	—	—	—	—	700	0.00	700	69.9	0.00	—	2,448
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	156
Stationary	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1
Total	74.1	71.7	35.8	195	0.63	0.69	55.9	56.6	0.65	14.3	14.9	1,067	70,065	71,132	111	6.03	174	75,873

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	163	151	199	1,032	4.00	3.72	352	355	3.54	90.0	93.5	—	415,191	415,191	12.7	32.7	277	425,517
Area	287	283	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,270	56,270	7.12	0.86	—	56,706
Water	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	456	440	220	1,417	4.05	4.94	352	357	4.65	90.0	94.6	6,423	483,445	489,868	669	39.0	1,221	519,434
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	158	146	211	902	3.83	3.72	352	355	3.54	90.0	93.5	—	397,724	397,724	13.3	33.1	7.18	407,917

Area	235	235	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,270	56,270	7.12	0.86	—	56,706
Water	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	398	386	228	916	3.86	4.50	352	356	4.31	90.0	94.3	6,423	464,685	471,108	669	39.4	952	500,536
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	135	124	192	810	3.44	3.38	306	309	3.21	78.4	81.6	—	357,069	357,069	11.7	30.0	107	366,407
Area	270	268	2.23	255	0.01	0.30	—	0.30	0.23	—	0.23	—	885	885	0.04	0.01	—	888
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,270	56,270	7.12	0.86	—	56,706
Water	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	0.79	0.72	2.31	1.83	< 0.005	0.11	0.00	0.11	0.11	0.00	0.11	0.00	368	368	0.01	< 0.005	0.00	369
Total	406	393	196	1,067	3.45	3.79	306	310	3.55	78.4	81.9	6,423	422,597	429,020	668	36.3	1,052	457,589
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	24.6	22.7	35.0	148	0.63	0.62	55.9	56.5	0.59	14.3	14.9	—	59,117	59,117	1.94	4.97	17.8	60,663
Area	49.4	48.9	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	9,316	9,316	1.18	0.14	—	9,388
Water	—	—	—	—	—	—	—	—	—	—	—	364	1,325	1,689	37.5	0.91	—	2,895
Waste	—	—	—	—	—	—	—	—	—	—	—	700	0.00	700	69.9	0.00	—	2,448
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	156
Stationary	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1
Total	74.1	71.7	35.8	195	0.63	0.69	55.9	56.6	0.65	14.3	14.9	1,063	69,966	71,029	111	6.02	174	75,759

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	21.8	20.6	7.40	163	0.41	0.11	46.7	46.8	0.10	11.8	11.9	—	41,325	41,325	1.34	1.05	17.9	41,691
City Park	16.0	15.3	7.81	71.9	0.17	0.09	17.4	17.4	0.08	4.40	4.48	—	17,390	17,390	0.94	0.95	9.77	17,705
Government (Civic Center)	0.27	0.25	0.17	1.91	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	559	559	0.02	0.02	0.33	567
Single Family Housing	49.7	46.7	29.0	306	0.84	0.40	88.0	88.4	0.37	22.3	22.7	—	85,507	85,507	3.41	3.84	49.5	86,788
Apartments Low Rise	9.15	8.59	5.33	56.3	0.15	0.07	16.2	16.3	0.07	4.10	4.17	—	15,727	15,727	0.63	0.71	9.11	15,962
User Defined Industrial	5.10	2.49	120	32.0	1.37	2.65	68.5	71.1	2.53	18.3	20.8	—	147,413	147,413	2.38	22.0	134	154,174
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	19.6	18.6	6.68	147	0.37	0.09	42.1	42.2	0.09	10.6	10.7	—	37,270	37,270	1.21	0.95	16.2	37,600

Strip Mall	30.3	28.5	17.7	187	0.51	0.24	53.6	53.9	0.23	13.6	13.8	—	52,132	52,132	2.08	2.34	30.2	52,912
General Office Building	6.08	5.67	3.82	42.2	0.12	0.06	12.7	12.8	0.05	3.22	3.28	—	12,267	12,267	0.45	0.52	7.16	12,441
Elementary School	2.71	2.62	1.11	8.41	0.01	0.01	1.39	1.40	0.01	0.35	0.36	—	1,512	1,512	0.14	0.12	0.78	1,552
Refrigerated Warehouse-No Rail	2.15	2.04	0.73	16.1	0.04	0.01	4.62	4.63	0.01	1.17	1.18	—	4,088	4,088	0.13	0.10	1.77	4,124
Total	163	151	199	1,032	4.00	3.72	352	355	3.54	90.0	93.5	—	415,191	415,191	12.7	32.7	277	425,517
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	21.1	19.9	8.10	139	0.38	0.11	46.7	46.8	0.10	11.8	11.9	—	38,245	38,245	1.43	1.12	0.47	38,615
City Park	15.5	14.7	8.36	66.1	0.16	0.09	17.4	17.4	0.08	4.40	4.48	—	16,359	16,359	1.00	0.98	0.25	16,675
Government (Civic Center)	0.26	0.24	0.18	1.63	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	524	524	0.02	0.02	0.01	532
Single Family Housing	48.1	45.0	31.1	267	0.78	0.40	88.0	88.4	0.37	22.3	22.7	—	80,250	80,250	3.59	3.97	1.28	81,523
Apartments Low Rise	8.84	8.28	5.72	49.2	0.14	0.07	16.2	16.3	0.07	4.10	4.17	—	14,760	14,760	0.66	0.73	0.24	14,994
User Defined Industrial	5.01	2.41	125	32.1	1.37	2.65	68.5	71.1	2.53	18.3	20.8	—	147,446	147,446	2.38	22.0	3.48	154,080
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrig Warehouse-No Rail	19.0	18.0	7.30	125	0.34	0.09	42.1	42.2	0.09	10.6	10.7	—	34,492	34,492	1.29	1.01	0.42	34,826
Strip Mall	29.3	27.5	19.0	163	0.48	0.24	53.6	53.9	0.23	13.6	13.8	—	48,927	48,927	2.19	2.42	0.78	49,703
General Office Building	5.88	5.46	4.10	36.3	0.11	0.06	12.7	12.8	0.05	3.22	3.28	—	11,506	11,506	0.47	0.54	0.19	11,679
Elementary School	2.62	2.52	1.18	8.36	0.01	0.01	1.39	1.40	0.01	0.35	0.36	—	1,431	1,431	0.15	0.12	0.02	1,471
Refrigerated Warehouse-No Rail	2.09	1.97	0.80	13.8	0.04	0.01	4.62	4.63	0.01	1.17	1.18	—	3,783	3,783	0.14	0.11	0.05	3,820
Total	158	146	211	902	3.83	3.72	352	355	3.54	90.0	93.5	—	397,724	397,724	13.3	33.1	7.18	407,917
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.59	3.39	1.43	24.8	0.07	0.02	7.92	7.93	0.02	2.00	2.01	—	6,051	6,051	0.22	0.18	1.21	6,111
City Park	1.46	1.39	0.80	6.50	0.02	0.01	1.64	1.64	0.01	0.41	0.42	—	1,435	1,435	0.09	0.09	0.37	1,463
Government (Civic Center)	0.05	0.04	0.03	0.31	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	87.6	87.6	< 0.005	< 0.005	0.02	88.9
Single Family Housing	8.48	7.93	5.59	49.1	0.14	0.07	15.4	15.5	0.07	3.91	3.98	—	13,112	13,112	0.58	0.65	3.46	13,323
Apartments Low Rise	1.43	1.34	0.94	8.28	0.02	0.01	2.60	2.61	0.01	0.66	0.67	—	2,209	2,209	0.10	0.11	0.58	2,244
User Defined Industrial	0.85	0.41	21.2	5.35	0.23	0.44	11.3	11.8	0.42	3.02	3.45	—	22,427	22,427	0.36	3.35	8.80	23,444

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.47	2.33	0.98	17.0	0.05	0.01	5.44	5.45	0.01	1.37	1.38	—	4,157	4,157	0.15	0.12	0.83	4,198
Strip Mall	4.83	4.52	3.18	28.0	0.08	0.04	8.79	8.83	0.04	2.23	2.27	—	7,468	7,468	0.33	0.37	1.97	7,588
General Office Building	0.80	0.74	0.57	5.14	0.02	0.01	1.72	1.73	0.01	0.44	0.44	—	1,447	1,447	0.06	0.07	0.39	1,469
Elementary School	0.34	0.32	0.15	1.11	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	171	171	0.02	0.01	0.04	175
Refrigerated Warehouse-No Rail	0.33	0.31	0.13	2.27	0.01	< 0.005	0.72	0.73	< 0.005	0.18	0.18	—	553	553	0.02	0.02	0.11	559
Total	24.6	22.7	35.0	148	0.63	0.62	55.9	56.5	0.59	14.3	14.9	—	59,117	59,117	1.94	4.97	17.8	60,663

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	21.8	20.6	7.40	163	0.41	0.11	46.7	46.8	0.10	11.8	11.9	—	41,325	41,325	1.34	1.05	17.9	41,691
City Park	16.0	15.3	7.81	71.9	0.17	0.09	17.4	17.4	0.08	4.40	4.48	—	17,390	17,390	0.94	0.95	9.77	17,705

Government (Civic Center)	0.27	0.25	0.17	1.91	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	559	559	0.02	0.02	0.33	567
Single Family Housing	49.7	46.7	29.0	306	0.84	0.40	88.0	88.4	0.37	22.3	22.7	—	85,507	85,507	3.41	3.84	49.5	86,788
Apartments Low Rise	9.15	8.59	5.33	56.3	0.15	0.07	16.2	16.3	0.07	4.10	4.17	—	15,727	15,727	0.63	0.71	9.11	15,962
User Defined Industrial	5.10	2.49	120	32.0	1.37	2.65	68.5	71.1	2.53	18.3	20.8	—	147,413	147,413	2.38	22.0	134	154,174
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	19.6	18.6	6.68	147	0.37	0.09	42.1	42.2	0.09	10.6	10.7	—	37,270	37,270	1.21	0.95	16.2	37,600
Strip Mall	30.3	28.5	17.7	187	0.51	0.24	53.6	53.9	0.23	13.6	13.8	—	52,132	52,132	2.08	2.34	30.2	52,912
General Office Building	6.08	5.67	3.82	42.2	0.12	0.06	12.7	12.8	0.05	3.22	3.28	—	12,267	12,267	0.45	0.52	7.16	12,441
Elementary School	2.71	2.62	1.11	8.41	0.01	0.01	1.39	1.40	0.01	0.35	0.36	—	1,512	1,512	0.14	0.12	0.78	1,552
Refrigerated Warehouse-No Rail	2.15	2.04	0.73	16.1	0.04	0.01	4.62	4.63	0.01	1.17	1.18	—	4,088	4,088	0.13	0.10	1.77	4,124
Total	163	151	199	1,032	4.00	3.72	352	355	3.54	90.0	93.5	—	415,191	415,191	12.7	32.7	277	425,517
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	21.1	19.9	8.10	139	0.38	0.11	46.7	46.8	0.10	11.8	11.9	—	38,245	38,245	1.43	1.12	0.47	38,615
City Park	15.5	14.7	8.36	66.1	0.16	0.09	17.4	17.4	0.08	4.40	4.48	—	16,359	16,359	1.00	0.98	0.25	16,675
Government (Civic Center)	0.26	0.24	0.18	1.63	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	524	524	0.02	0.02	0.01	532
Single Family Housing	48.1	45.0	31.1	267	0.78	0.40	88.0	88.4	0.37	22.3	22.7	—	80,250	80,250	3.59	3.97	1.28	81,523
Apartments Low Rise	8.84	8.28	5.72	49.2	0.14	0.07	16.2	16.3	0.07	4.10	4.17	—	14,760	14,760	0.66	0.73	0.24	14,994
User Defined Industrial	5.01	2.41	125	32.1	1.37	2.65	68.5	71.1	2.53	18.3	20.8	—	147,446	147,446	2.38	22.0	3.48	154,080
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	19.0	18.0	7.30	125	0.34	0.09	42.1	42.2	0.09	10.6	10.7	—	34,492	34,492	1.29	1.01	0.42	34,826
Strip Mall	29.3	27.5	19.0	163	0.48	0.24	53.6	53.9	0.23	13.6	13.8	—	48,927	48,927	2.19	2.42	0.78	49,703
General Office Building	5.88	5.46	4.10	36.3	0.11	0.06	12.7	12.8	0.05	3.22	3.28	—	11,506	11,506	0.47	0.54	0.19	11,679
Elementary School	2.62	2.52	1.18	8.36	0.01	0.01	1.39	1.40	0.01	0.35	0.36	—	1,431	1,431	0.15	0.12	0.02	1,471
Refrigerated Warehouse-No Rail	2.09	1.97	0.80	13.8	0.04	0.01	4.62	4.63	0.01	1.17	1.18	—	3,783	3,783	0.14	0.11	0.05	3,820

Total	158	146	211	902	3.83	3.72	352	355	3.54	90.0	93.5	—	397,724	397,724	13.3	33.1	7.18	407,917
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.59	3.39	1.43	24.8	0.07	0.02	7.92	7.93	0.02	2.00	2.01	—	6,051	6,051	0.22	0.18	1.21	6,111
City Park	1.46	1.39	0.80	6.50	0.02	0.01	1.64	1.64	0.01	0.41	0.42	—	1,435	1,435	0.09	0.09	0.37	1,463
Government (Civic Center)	0.05	0.04	0.03	0.31	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	87.6	87.6	< 0.005	< 0.005	0.02	88.9
Single Family Housing	8.48	7.93	5.59	49.1	0.14	0.07	15.4	15.5	0.07	3.91	3.98	—	13,112	13,112	0.58	0.65	3.46	13,323
Apartments Low Rise	1.43	1.34	0.94	8.28	0.02	0.01	2.60	2.61	0.01	0.66	0.67	—	2,209	2,209	0.10	0.11	0.58	2,244
User Defined Industrial	0.85	0.41	21.2	5.35	0.23	0.44	11.3	11.8	0.42	3.02	3.45	—	22,427	22,427	0.36	3.35	8.80	23,444
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.47	2.33	0.98	17.0	0.05	0.01	5.44	5.45	0.01	1.37	1.38	—	4,157	4,157	0.15	0.12	0.83	4,198
Strip Mall	4.83	4.52	3.18	28.0	0.08	0.04	8.79	8.83	0.04	2.23	2.27	—	7,468	7,468	0.33	0.37	1.97	7,588
General Office Building	0.80	0.74	0.57	5.14	0.02	0.01	1.72	1.73	0.01	0.44	0.44	—	1,447	1,447	0.06	0.07	0.39	1,469
Elementary School	0.34	0.32	0.15	1.11	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	171	171	0.02	0.01	0.04	175

Refrigerated Wareho Rail	0.33	0.31	0.13	2.27	0.01	< 0.005	0.72	0.73	< 0.005	0.18	0.18	—	553	553	0.02	0.02	0.11	559
Total	24.6	22.7	35.0	148	0.63	0.62	55.9	56.5	0.59	14.3	14.9	—	59,117	59,117	1.94	4.97	17.8	60,663

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	15,434	15,434	1.95	0.24	—	15,554
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,647	2,647	0.33	0.04	—	2,667
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	233	233	0.03	< 0.005	—	235
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	56,816	56,816	7.19	0.87	—	57,255
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	15,434	15,434	1.95	0.24	—	15,554
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,647	2,647	0.33	0.04	—	2,667
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	233	233	0.03	< 0.005	—	235
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	56,816	56,816	7.19	0.87	—	57,255
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	2,555	2,555	0.32	0.04	—	2,575
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	438	438	0.06	0.01	—	442

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	549	549	0.07	0.01	—	553
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	495	495	0.06	0.01	—	499
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	38.6	38.6	< 0.005	< 0.005	—	38.9
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	9,407	9,407	1.19	0.14	—	9,479

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469

City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	14,983	14,983	1.90	0.23	—	15,099
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,552	2,552	0.32	0.04	—	2,572
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	233	233	0.03	< 0.005	—	235
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	56,270	56,270	7.12	0.86	—	56,706

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	14,983	14,983	1.90	0.23	—	15,099
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,552	2,552	0.32	0.04	—	2,572
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	233	233	0.03	< 0.005	—	235

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	56,270	56,270	7.12	0.86	—	56,706
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	2,481	2,481	0.31	0.04	—	2,500
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	422	422	0.05	0.01	—	426
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	549	549	0.07	0.01	—	553
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	495	495	0.06	0.01	—	499

Elementary	—	—	—	—	—	—	—	—	—	—	—	—	38.6	38.6	< 0.005	< 0.005	—	38.9
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	9,316	9,316	1.18	0.14	—	9,388

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrig Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Wareho Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Elementary	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	213	213	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	21.3	21.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	52.1	48.4	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Total	287	283	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	213	213	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	21.3	21.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	235	235	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	38.9	38.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	3.89	3.89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.51	6.05	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147
Total	49.4	48.9	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	213	213	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	21.3	21.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	52.1	48.4	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Total	287	283	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	213	213	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	21.3	21.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	235	235	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	38.9	38.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	3.89	3.89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.51	6.05	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147
Total	49.4	48.9	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	316	316	0.04	< 0.005	—	318
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	180	2,448	2,629	18.8	0.48	—	3,240
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	42.2	120	162	4.34	0.10	—	302
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301

General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	2.79	16.6	19.4	0.29	0.01	—	28.7
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	316	316	0.04	< 0.005	—	318
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	180	2,448	2,629	18.8	0.48	—	3,240
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	42.2	120	162	4.34	0.10	—	302
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	2.79	16.6	19.4	0.29	0.01	—	28.7
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	52.3	52.3	0.01	< 0.005	—	52.7
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	29.8	405	435	3.11	0.08	—	536
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	6.98	19.9	26.9	0.72	0.02	—	50.0
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	264	366	10.6	0.25	—	706
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.5	35.5	49.0	1.39	0.03	—	93.8
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.46	2.75	3.21	0.05	< 0.005	—	4.75
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	355
Total	—	—	—	—	—	—	—	—	—	—	—	367	1,334	1,701	37.8	0.91	—	2,919

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	316	316	0.04	< 0.005	—	318

Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	164	2,406	2,569	17.1	0.44	—	3,126
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	38.3	110	148	3.94	0.09	—	275
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	2.79	16.6	19.4	0.29	0.01	—	28.7
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	316	316	0.04	< 0.005	—	318
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	164	2,406	2,569	17.1	0.44	—	3,126
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	38.3	110	148	3.94	0.09	—	275
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	2.79	16.6	19.4	0.29	0.01	—	28.7
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142

Total	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	52.3	52.3	0.01	< 0.005	—	52.7
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	27.1	398	425	2.83	0.07	—	518
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	6.33	18.2	24.6	0.65	0.02	—	45.6
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	264	366	10.6	0.25	—	706
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.5	35.5	49.0	1.39	0.03	—	93.8
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.46	2.75	3.21	0.05	< 0.005	—	4.75

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	355
Total	—	—	—	—	—	—	—	—	—	—	—	364	1,325	1,689	37.5	0.91	—	2,895

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	2.52	0.00	2.52	0.25	0.00	—	8.81
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,141	0.00	1,141	114	0.00	—	3,993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.5	0.00	—	754
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	59.0	0.00	59.0	5.90	0.00	—	206
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	2.52	0.00	2.52	0.25	0.00	—	8.81
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,141	0.00	1,141	114	0.00	—	3,993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.5	0.00	—	754
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	59.0	0.00	59.0	5.90	0.00	—	206
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.46
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	189	0.00	189	18.9	0.00	—	661
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	35.7	0.00	35.7	3.57	0.00	—	125

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
General Office Building	—	—	—	—	—	—	—	—	—	—	—	19.9	0.00	19.9	1.99	0.00	—	69.7
Elementary School	—	—	—	—	—	—	—	—	—	—	—	9.77	0.00	9.77	0.98	0.00	—	34.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	700	0.00	700	69.9	0.00	—	2,448

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910

City Park	—	—	—	—	—	—	—	—	—	—	—	2.52	0.00	2.52	0.25	0.00	—	8.81
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,141	0.00	1,141	114	0.00	—	3,993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.5	0.00	—	754
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	59.0	0.00	59.0	5.90	0.00	—	206
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	2.52	0.00	2.52	0.25	0.00	—	8.81
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,141	0.00	1,141	114	0.00	—	3,993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.5	0.00	—	754
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	59.0	0.00	59.0	5.90	0.00	—	206

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.46
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	189	0.00	189	18.9	0.00	—	661
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	35.7	0.00	35.7	3.57	0.00	—	125
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
General Office Building	—	—	—	—	—	—	—	—	—	—	—	19.9	0.00	19.9	1.99	0.00	—	69.7

Elementary	—	—	—	—	—	—	—	—	—	—	—	9.77	0.00	9.77	0.98	0.00	—	34.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	700	0.00	700	69.9	0.00	—	2,448

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.9	28.9
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.14	0.14
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.9	28.9
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.14	0.14

Refriger Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.78	4.78
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.61	0.61
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	156

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.9	28.9
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.14	0.14
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.9	28.9
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.14	0.14
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5

City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.78	4.78
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.61	0.61
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	156

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.11	0.10	0.28	0.25	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	45.7	45.7	< 0.005	< 0.005	0.00	45.8
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.11	0.10	0.28	0.25	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	45.7	45.7	< 0.005	< 0.005	0.00	45.8
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	67,100	54,420	53,738	23,133,488
City Park	2,716	6,825	7,626	1,461,583	8,751	21,991	24,571	4,709,457
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	21,812	22,043	19,755	7,866,072	123,229	124,536	111,612	44,441,100
Apartments Low Rise	3,646	4,054	3,128	1,325,018	20,598	22,905	17,673	7,485,982
User Defined Industrial	1,323	958	937	443,694	79,380	57,456	56,196	26,621,640
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	60,515	1,607	639	15,894,381
Strip Mall	13,452	12,612	6,129	4,484,338	75,924	71,183	34,592	25,309,770
General Office Building	2,602	530	168	714,816	18,002	3,669	1,162	4,945,230

Elementary School	1,362	0.00	0.00	355,093	1,968	0.00	0.00	513,170
Refrigerated Warehouse-No Rail	960	545	522	305,797	6,637	3,766	3,607	2,114,909

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	67,100	54,420	53,738	23,133,488
City Park	2,716	6,825	7,626	1,461,583	8,751	21,991	24,571	4,709,457
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	21,812	22,043	19,755	7,866,072	123,229	124,536	111,612	44,441,100
Apartments Low Rise	3,646	4,054	3,128	1,325,018	20,598	22,905	17,673	7,485,982
User Defined Industrial	1,323	958	937	443,694	79,380	57,456	56,196	26,621,640
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	60,515	1,607	639	15,894,381
Strip Mall	13,452	12,612	6,129	4,484,338	75,924	71,183	34,592	25,309,770
General Office Building	2,602	530	168	714,816	18,002	3,669	1,162	4,945,230
Elementary School	1,362	0.00	0.00	355,093	1,968	0.00	0.00	513,170
Refrigerated Warehouse-No Rail	960	545	522	305,797	6,637	3,766	3,607	2,114,909

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
10294715.25	3,431,572	7,209,993	2,403,331	317,735

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	21,601,671	261	0.0330	0.0040	0.00
Apartments Low Rise	3,704,114	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00

Parking Lot	4,638,936	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
General Office Building	4,186,361	261	0.0330	0.0040	0.00
Elementary School	326,458	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	20,970,673	261	0.0330	0.0040	0.00
Apartments Low Rise	3,571,516	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	4,638,936	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
General Office Building	4,186,361	261	0.0330	0.0040	0.00
Elementary School	326,458	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	83,341,422
Government (Civic Center)	3,277,885	512,488
Single Family Housing	94,078,442	525,018,208
Apartments Low Rise	22,004,512	3,450,913
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	4,839,559
Strip Mall	22,221,756	2,456,034
General Office Building	42,656,100	1,769,513
Elementary School	1,454,544	2,514,046
Refrigerated Warehouse-No Rail	161,875,000	4,839,559

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	83,341,422
Government (Civic Center)	3,277,885	512,488
Single Family Housing	85,357,370	525,018,208
Apartments Low Rise	19,964,694	3,450,913
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	4,839,559
Strip Mall	22,221,756	2,456,034
General Office Building	42,656,100	1,769,513

Elementary School	1,454,544	2,514,046
Refrigerated Warehouse-No Rail	161,875,000	4,839,559

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	4.67	—
Government (Civic Center)	94.0	—
Single Family Housing	2,118	—
Apartments Low Rise	400	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
General Office Building	223	—
Elementary School	110	—
Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	4.67	—
Government (Civic Center)	94.0	—
Single Family Housing	2,118	—
Apartments Low Rise	400	—
User Defined Industrial	0.00	—

Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
General Office Building	223	—
Elementary School	110	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0

Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A

Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885

Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0

Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

15218 Mesa Verde Ph5 Ops HCCS Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph5 Ops HCCS
Operational Year	2045
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	2,100	1000sqft	48.2	2,100,000	756,811	—	—	—
City Park	66.5	Acre	66.5	0.00	2,896,740	2,896,740	—	—

Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	2,860	Dwelling Unit	929	5,577,000	33,498,771	—	9,238	—
Apartments Low Rise	790	Dwelling Unit	49.4	837,400	259,792	—	2,552	—
User Defined Industrial	4,200	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	122	Acre	122	0.00	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	1,400	1000sqft	32.1	1,400,000	610,450	—	—	—
Strip Mall	300	1000sqft	6.89	300,000	154,899	—	—	—
General Office Building	240	1000sqft	5.51	240,000	111,601	—	—	—
Elementary School	1,200	Student	2.30	100,324	134,165	134,165	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	495	479	222	1,506	4.20	4.92	376	381	4.62	96.1	101	6,937	504,824	511,761	721	40.1	1,088	542,828
Mit.	495	479	222	1,506	4.20	4.92	376	381	4.62	96.1	101	6,911	504,061	510,972	718	40.0	1,088	541,946
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	434	422	230	952	3.99	4.45	376	380	4.27	96.1	100	6,937	484,824	491,761	722	40.5	957	522,836
Mit.	434	422	230	952	3.99	4.45	376	380	4.27	96.1	100	6,911	484,062	490,972	719	40.5	957	521,954
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	444	431	198	1,131	3.58	3.76	327	331	3.52	83.6	87.2	6,937	441,160	448,098	720	37.3	1,005	478,226
Mit.	444	431	198	1,131	3.58	3.76	327	331	3.52	83.6	87.2	6,911	440,398	447,308	717	37.3	1,005	477,344
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	81.0	78.7	36.1	206	0.65	0.69	59.7	60.4	0.64	15.3	15.9	1,149	73,039	74,188	119	6.18	166	79,176
Mit.	81.0	78.7	36.1	206	0.65	0.69	59.7	60.4	0.64	15.3	15.9	1,144	72,913	74,057	119	6.17	166	79,030
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	166	154	201	1,073	4.15	3.68	376	380	3.50	96.1	99.6	—	430,020	430,020	12.6	33.4	135	440,435

Area	324	320	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,917	61,917	7.83	0.95	—	62,396
Water	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	495	479	222	1,506	4.20	4.92	376	381	4.62	96.1	101	6,937	504,824	511,761	721	40.1	1,088	542,828
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	161	150	213	939	3.97	3.68	376	380	3.50	96.1	99.6	—	411,443	411,443	13.2	33.9	3.49	421,871
Area	267	267	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,917	61,917	7.83	0.95	—	62,396
Water	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	434	422	230	952	3.99	4.45	376	380	4.27	96.1	100	6,937	484,824	491,761	722	40.5	957	522,836
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	137	127	193	842	3.56	3.34	327	330	3.17	83.6	86.8	—	369,124	369,124	11.6	30.7	52.3	378,609
Area	306	303	2.53	287	0.01	0.32	—	0.32	0.24	—	0.24	—	974	974	0.04	0.01	—	978
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,917	61,917	7.83	0.95	—	62,396
Water	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	0.79	0.72	2.31	1.83	< 0.005	0.11	0.00	0.11	0.11	0.00	0.11	0.00	368	368	0.01	< 0.005	0.00	369
Total	444	431	198	1,131	3.58	3.76	327	331	3.52	83.6	87.2	6,937	441,160	448,098	720	37.3	1,005	478,226

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	25.1	23.2	35.2	154	0.65	0.61	59.7	60.3	0.58	15.3	15.8	—	61,113	61,113	1.92	5.08	8.65	62,683
Area	55.8	55.3	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,251	10,251	1.30	0.16	—	10,330
Water	—	—	—	—	—	—	—	—	—	—	—	378	1,453	1,831	38.9	0.94	—	3,085
Waste	—	—	—	—	—	—	—	—	—	—	—	771	0.00	771	77.0	0.00	—	2,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	158	158
Stationary	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1
Total	81.0	78.7	36.1	206	0.65	0.69	59.7	60.4	0.64	15.3	15.9	1,149	73,039	74,188	119	6.18	166	79,176

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	166	154	201	1,073	4.15	3.68	376	380	3.50	96.1	99.6	—	430,020	430,020	12.6	33.4	135	440,435
Area	324	320	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,222	61,222	7.75	0.94	—	61,695
Water	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	495	479	222	1,506	4.20	4.92	376	381	4.62	96.1	101	6,911	504,061	510,972	718	40.0	1,088	541,946
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	161	150	213	939	3.97	3.68	376	380	3.50	96.1	99.6	—	411,443	411,443	13.2	33.9	3.49	421,871

Area	267	267	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,222	61,222	7.75	0.94	—	61,695
Water	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	434	422	230	952	3.99	4.45	376	380	4.27	96.1	100	6,911	484,062	490,972	719	40.5	957	521,954
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	137	127	193	842	3.56	3.34	327	330	3.17	83.6	86.8	—	369,124	369,124	11.6	30.7	52.3	378,609
Area	306	303	2.53	287	0.01	0.32	—	0.32	0.24	—	0.24	—	974	974	0.04	0.01	—	978
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,222	61,222	7.75	0.94	—	61,695
Water	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	0.79	0.72	2.31	1.83	< 0.005	0.11	0.00	0.11	0.11	0.00	0.11	0.00	368	368	0.01	< 0.005	0.00	369
Total	444	431	198	1,131	3.58	3.76	327	331	3.52	83.6	87.2	6,911	440,398	447,308	717	37.3	1,005	477,344
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	25.1	23.2	35.2	154	0.65	0.61	59.7	60.3	0.58	15.3	15.8	—	61,113	61,113	1.92	5.08	8.65	62,683
Area	55.8	55.3	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,136	10,136	1.28	0.16	—	10,214
Water	—	—	—	—	—	—	—	—	—	—	—	373	1,442	1,816	38.5	0.93	—	3,055
Waste	—	—	—	—	—	—	—	—	—	—	—	771	0.00	771	77.0	0.00	—	2,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	158	158
Stationary	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1
Total	81.0	78.7	36.1	206	0.65	0.69	59.7	60.4	0.64	15.3	15.9	1,144	72,913	74,057	119	6.17	166	79,030

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	20.0	18.9	6.80	155	0.40	0.09	46.4	46.5	0.08	11.7	11.8	—	40,418	40,418	1.24	1.01	7.57	40,758
City Park	17.5	16.7	9.06	83.7	0.20	0.09	21.2	21.3	0.09	5.39	5.47	—	20,782	20,782	1.02	1.11	5.49	21,145
Government (Civic Center)	0.24	0.22	0.16	1.81	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	545	545	0.02	0.02	0.15	552
Single Family Housing	54.6	51.4	32.9	351	0.98	0.42	105	106	0.40	26.7	27.1	—	99,856	99,856	3.64	4.46	27.1	101,303
Apartments Low Rise	11.9	11.2	7.15	76.2	0.21	0.09	22.8	22.9	0.09	5.79	5.88	—	21,699	21,699	0.79	0.97	5.90	22,013
User Defined Industrial	4.61	2.15	116	27.5	1.34	2.61	68.2	70.8	2.49	18.2	20.7	—	143,840	143,840	2.26	21.9	63.6	150,488
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	18.0	17.0	6.14	140	0.36	0.08	41.8	41.9	0.08	10.6	10.6	—	36,452	36,452	1.12	0.91	6.83	36,758

Strip Mall	26.7	25.2	15.9	167	0.46	0.20	49.5	49.7	0.19	12.6	12.7	—	47,122	47,122	1.76	2.13	12.8	47,814
General Office Building	5.43	5.07	3.54	40.1	0.12	0.05	12.7	12.8	0.05	3.22	3.27	—	11,962	11,962	0.39	0.50	3.28	12,125
Elementary School	4.83	4.68	2.13	16.0	0.03	0.02	2.79	2.81	0.01	0.71	0.72	—	2,966	2,966	0.24	0.23	0.72	3,041
Refrigerated Warehouse-No Rail	2.00	1.87	1.30	14.7	0.04	0.02	4.65	4.67	0.02	1.18	1.20	—	4,380	4,380	0.14	0.18	1.20	4,439
Total	166	154	201	1,073	4.15	3.68	376	380	3.50	96.1	99.6	—	430,020	430,020	12.6	33.4	135	440,435
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	19.4	18.4	7.44	132	0.37	0.09	46.4	46.5	0.08	11.7	11.8	—	37,406	37,406	1.31	1.07	0.20	37,759
City Park	17.0	16.2	9.71	76.6	0.19	0.09	21.2	21.3	0.09	5.39	5.47	—	19,541	19,541	1.09	1.15	0.14	19,911
Government (Civic Center)	0.23	0.22	0.17	1.55	< 0.005	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	511	511	0.02	0.02	< 0.005	518
Single Family Housing	53.0	49.7	35.3	306	0.92	0.42	105	106	0.40	26.7	27.1	—	93,678	93,678	3.84	4.60	0.70	95,145
Apartments Low Rise	11.5	10.8	7.68	66.5	0.20	0.09	22.8	22.9	0.09	5.79	5.88	—	20,356	20,356	0.83	1.00	0.15	20,675
User Defined Industrial	4.51	2.06	121	27.7	1.34	2.61	68.2	70.8	2.49	18.2	20.7	—	143,877	143,877	2.26	21.9	1.65	150,465
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrig Warehouse-No Rail	17.5	16.6	6.71	119	0.33	0.08	41.8	41.9	0.08	10.6	10.6	—	33,736	33,736	1.18	0.97	0.18	34,054
Strip Mall	26.0	24.4	17.1	147	0.43	0.20	49.5	49.7	0.19	12.6	12.7	—	44,213	44,213	1.86	2.20	0.33	44,916
General Office Building	5.27	4.91	3.81	34.3	0.11	0.05	12.7	12.8	0.05	3.22	3.27	—	11,214	11,214	0.41	0.52	0.09	11,378
Elementary School	4.69	4.52	2.28	15.8	0.03	0.02	2.79	2.81	0.01	0.71	0.72	—	2,806	2,806	0.27	0.24	0.02	2,883
Refrigerated Warehouse-No Rail	1.94	1.81	1.40	12.6	0.04	0.02	4.65	4.67	0.02	1.18	1.20	—	4,106	4,106	0.15	0.19	0.03	4,166
Total	161	150	213	939	3.97	3.68	376	380	3.50	96.1	99.6	—	411,443	411,443	13.2	33.9	3.49	421,871
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.31	3.12	1.31	23.5	0.06	0.02	7.86	7.87	0.01	1.98	2.00	—	5,918	5,918	0.21	0.17	0.51	5,974
City Park	1.61	1.53	0.93	7.53	0.02	0.01	2.00	2.01	0.01	0.51	0.52	—	1,714	1,714	0.10	0.10	0.21	1,747
Government (Civic Center)	0.04	0.04	0.03	0.29	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	85.4	85.4	< 0.005	< 0.005	0.01	86.6
Single Family Housing	9.33	8.76	6.33	56.3	0.17	0.08	18.5	18.5	0.07	4.68	4.75	—	15,307	15,307	0.62	0.75	1.90	15,547
Apartments Low Rise	1.86	1.74	1.26	11.2	0.03	0.02	3.67	3.69	0.01	0.93	0.95	—	3,046	3,046	0.12	0.15	0.38	3,094
User Defined Industrial	0.77	0.35	20.6	4.61	0.22	0.44	11.3	11.7	0.42	3.01	3.43	—	21,883	21,883	0.34	3.33	4.18	22,889

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.27	2.14	0.90	16.1	0.04	0.01	5.40	5.41	0.01	1.36	1.37	—	4,066	4,066	0.14	0.12	0.35	4,105
Strip Mall	4.27	4.01	2.85	25.1	0.07	0.03	8.12	8.15	0.03	2.06	2.09	—	6,748	6,748	0.28	0.34	0.83	6,856
General Office Building	0.71	0.67	0.53	4.87	0.02	0.01	1.72	1.72	0.01	0.44	0.44	—	1,411	1,411	0.05	0.06	0.18	1,431
Elementary School	0.60	0.58	0.30	2.10	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	334	334	0.03	0.03	0.04	344
Refrigerated Warehouse-No Rail	0.31	0.28	0.22	2.07	0.01	< 0.005	0.73	0.73	< 0.005	0.18	0.19	—	599	599	0.02	0.03	0.07	608
Total	25.1	23.2	35.2	154	0.65	0.61	59.7	60.3	0.58	15.3	15.8	—	61,113	61,113	1.92	5.08	8.65	62,683

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	20.0	18.9	6.80	155	0.40	0.09	46.4	46.5	0.08	11.7	11.8	—	40,418	40,418	1.24	1.01	7.57	40,758
City Park	17.5	16.7	9.06	83.7	0.20	0.09	21.2	21.3	0.09	5.39	5.47	—	20,782	20,782	1.02	1.11	5.49	21,145

Government (Civic Center)	0.24	0.22	0.16	1.81	0.01	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	545	545	0.02	0.02	0.15	552
Single Family Housing	54.6	51.4	32.9	351	0.98	0.42	105	106	0.40	26.7	27.1	—	99,856	99,856	3.64	4.46	27.1	101,303
Apartments Low Rise	11.9	11.2	7.15	76.2	0.21	0.09	22.8	22.9	0.09	5.79	5.88	—	21,699	21,699	0.79	0.97	5.90	22,013
User Defined Industrial	4.61	2.15	116	27.5	1.34	2.61	68.2	70.8	2.49	18.2	20.7	—	143,840	143,840	2.26	21.9	63.6	150,488
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	18.0	17.0	6.14	140	0.36	0.08	41.8	41.9	0.08	10.6	10.6	—	36,452	36,452	1.12	0.91	6.83	36,758
Strip Mall	26.7	25.2	15.9	167	0.46	0.20	49.5	49.7	0.19	12.6	12.7	—	47,122	47,122	1.76	2.13	12.8	47,814
General Office Building	5.43	5.07	3.54	40.1	0.12	0.05	12.7	12.8	0.05	3.22	3.27	—	11,962	11,962	0.39	0.50	3.28	12,125
Elementary School	4.83	4.68	2.13	16.0	0.03	0.02	2.79	2.81	0.01	0.71	0.72	—	2,966	2,966	0.24	0.23	0.72	3,041
Refrigerated Warehouse-No Rail	2.00	1.87	1.30	14.7	0.04	0.02	4.65	4.67	0.02	1.18	1.20	—	4,380	4,380	0.14	0.18	1.20	4,439
Total	166	154	201	1,073	4.15	3.68	376	380	3.50	96.1	99.6	—	430,020	430,020	12.6	33.4	135	440,435
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	19.4	18.4	7.44	132	0.37	0.09	46.4	46.5	0.08	11.7	11.8	—	37,406	37,406	1.31	1.07	0.20	37,759
City Park	17.0	16.2	9.71	76.6	0.19	0.09	21.2	21.3	0.09	5.39	5.47	—	19,541	19,541	1.09	1.15	0.14	19,911
Government (Civic Center)	0.23	0.22	0.17	1.55	< 0.005	< 0.005	0.58	0.58	< 0.005	0.15	0.15	—	511	511	0.02	0.02	< 0.005	518
Single Family Housing	53.0	49.7	35.3	306	0.92	0.42	105	106	0.40	26.7	27.1	—	93,678	93,678	3.84	4.60	0.70	95,145
Apartments Low Rise	11.5	10.8	7.68	66.5	0.20	0.09	22.8	22.9	0.09	5.79	5.88	—	20,356	20,356	0.83	1.00	0.15	20,675
User Defined Industrial	4.51	2.06	121	27.7	1.34	2.61	68.2	70.8	2.49	18.2	20.7	—	143,877	143,877	2.26	21.9	1.65	150,465
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	17.5	16.6	6.71	119	0.33	0.08	41.8	41.9	0.08	10.6	10.6	—	33,736	33,736	1.18	0.97	0.18	34,054
Strip Mall	26.0	24.4	17.1	147	0.43	0.20	49.5	49.7	0.19	12.6	12.7	—	44,213	44,213	1.86	2.20	0.33	44,916
General Office Building	5.27	4.91	3.81	34.3	0.11	0.05	12.7	12.8	0.05	3.22	3.27	—	11,214	11,214	0.41	0.52	0.09	11,378
Elementary School	4.69	4.52	2.28	15.8	0.03	0.02	2.79	2.81	0.01	0.71	0.72	—	2,806	2,806	0.27	0.24	0.02	2,883
Refrigerated Warehouse-No Rail	1.94	1.81	1.40	12.6	0.04	0.02	4.65	4.67	0.02	1.18	1.20	—	4,106	4,106	0.15	0.19	0.03	4,166

Total	161	150	213	939	3.97	3.68	376	380	3.50	96.1	99.6	—	411,443	411,443	13.2	33.9	3.49	421,871
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.31	3.12	1.31	23.5	0.06	0.02	7.86	7.87	0.01	1.98	2.00	—	5,918	5,918	0.21	0.17	0.51	5,974
City Park	1.61	1.53	0.93	7.53	0.02	0.01	2.00	2.01	0.01	0.51	0.52	—	1,714	1,714	0.10	0.10	0.21	1,747
Government (Civic Center)	0.04	0.04	0.03	0.29	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	85.4	85.4	< 0.005	< 0.005	0.01	86.6
Single Family Housing	9.33	8.76	6.33	56.3	0.17	0.08	18.5	18.5	0.07	4.68	4.75	—	15,307	15,307	0.62	0.75	1.90	15,547
Apartments Low Rise	1.86	1.74	1.26	11.2	0.03	0.02	3.67	3.69	0.01	0.93	0.95	—	3,046	3,046	0.12	0.15	0.38	3,094
User Defined Industrial	0.77	0.35	20.6	4.61	0.22	0.44	11.3	11.7	0.42	3.01	3.43	—	21,883	21,883	0.34	3.33	4.18	22,889
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.27	2.14	0.90	16.1	0.04	0.01	5.40	5.41	0.01	1.36	1.37	—	4,066	4,066	0.14	0.12	0.35	4,105
Strip Mall	4.27	4.01	2.85	25.1	0.07	0.03	8.12	8.15	0.03	2.06	2.09	—	6,748	6,748	0.28	0.34	0.83	6,856
General Office Building	0.71	0.67	0.53	4.87	0.02	0.01	1.72	1.72	0.01	0.44	0.44	—	1,411	1,411	0.05	0.06	0.18	1,431
Elementary School	0.60	0.58	0.30	2.10	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	334	334	0.03	0.03	0.04	344

Refrigerated Wareho Rail	0.31	0.28	0.22	2.07	0.01	< 0.005	0.73	0.73	< 0.005	0.18	0.19	—	599	599	0.02	0.03	0.07	608
Total	25.1	23.2	35.2	154	0.65	0.61	59.7	60.3	0.58	15.3	15.8	—	61,113	61,113	1.92	5.08	8.65	62,683

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	19,084	19,084	2.41	0.29	—	19,232
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	3,865	3,865	0.49	0.06	—	3,895
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	467	467	0.06	0.01	—	470
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	61,917	61,917	7.83	0.95	—	62,396
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	19,084	19,084	2.41	0.29	—	19,232
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	3,865	3,865	0.49	0.06	—	3,895
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	467	467	0.06	0.01	—	470
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	61,917	61,917	7.83	0.95	—	62,396
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	3,160	3,160	0.40	0.05	—	3,184
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	640	640	0.08	0.01	—	645

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	549	549	0.07	0.01	—	553
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	495	495	0.06	0.01	—	499
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	77.2	77.2	0.01	< 0.005	—	77.8
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,251	10,251	1.30	0.16	—	10,330

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469

City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	18,527	18,527	2.34	0.28	—	18,670
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	3,726	3,726	0.47	0.06	—	3,755
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	467	467	0.06	0.01	—	470
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	61,222	61,222	7.75	0.94	—	61,695

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	18,527	18,527	2.34	0.28	—	18,670
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	3,726	3,726	0.47	0.06	—	3,755
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	467	467	0.06	0.01	—	470

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	61,222	61,222	7.75	0.94	—	61,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	3,067	3,067	0.39	0.05	—	3,091
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	617	617	0.08	0.01	—	622
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	549	549	0.07	0.01	—	553
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	495	495	0.06	0.01	—	499

Elementary	—	—	—	—	—	—	—	—	—	—	—	—	77.2	77.2	0.01	< 0.005	—	77.8
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,136	10,136	1.28	0.16	—	10,214

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrig Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Wareho Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Elementary	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	243	243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	23.7	23.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	56.6	52.7	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Total	324	320	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	243	243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	23.7	23.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	267	267	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	44.4	44.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.33	4.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	7.08	6.59	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162
Total	55.8	55.3	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	243	243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	23.7	23.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	56.6	52.7	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Total	324	320	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	243	243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	23.7	23.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	267	267	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	44.4	44.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.33	4.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	7.08	6.59	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162
Total	55.8	55.3	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	387	387	0.05	0.01	—	390
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	223	3,027	3,250	23.2	0.59	—	4,007
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	61.6	175	237	6.34	0.15	—	441
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,611	2,232	63.8	1.54	—	4,285
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301

General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	5.57	32.1	37.6	0.58	0.01	—	56.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	787	1,098	31.9	0.77	—	2,124
Total	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	387	387	0.05	0.01	—	390
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	223	3,027	3,250	23.2	0.59	—	4,007
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	61.6	175	237	6.34	0.15	—	441
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	620	1,611	2,232	63.8	1.54	—	4,285
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	5.57	32.1	37.6	0.58	0.01	—	56.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	787	1,098	31.9	0.77	—	2,124
Total	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	64.1	64.1	0.01	< 0.005	—	64.6
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	36.9	501	538	3.85	0.10	—	663
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	10.2	29.0	39.2	1.05	0.03	—	73.0
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	267	369	10.6	0.25	—	709
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.5	35.5	49.0	1.39	0.03	—	93.8
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.92	5.31	6.23	0.10	< 0.005	—	9.31
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	130	182	5.28	0.13	—	352
Total	—	—	—	—	—	—	—	—	—	—	—	378	1,453	1,831	38.9	0.94	—	3,085

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	387	387	0.05	0.01	—	390

Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	202	2,975	3,177	21.1	0.54	—	3,865
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	55.9	161	217	5.75	0.14	—	402
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,611	2,232	63.8	1.54	—	4,285
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	5.57	32.1	37.6	0.58	0.01	—	56.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	787	1,098	31.9	0.77	—	2,124
Total	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	387	387	0.05	0.01	—	390
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	202	2,975	3,177	21.1	0.54	—	3,865
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	55.9	161	217	5.75	0.14	—	402
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,611	2,232	63.8	1.54	—	4,285
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	5.57	32.1	37.6	0.58	0.01	—	56.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	787	1,098	31.9	0.77	—	2,124

Total	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	64.1	64.1	0.01	< 0.005	—	64.6
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	33.5	493	526	3.50	0.09	—	640
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	9.25	26.6	35.9	0.95	0.02	—	66.5
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	267	369	10.6	0.25	—	709
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.5	35.5	49.0	1.39	0.03	—	93.8
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.92	5.31	6.23	0.10	< 0.005	—	9.31

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	130	182	5.28	0.13	—	352
Total	—	—	—	—	—	—	—	—	—	—	—	373	1,442	1,816	38.5	0.93	—	3,055

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	3.08	0.00	3.08	0.31	0.00	—	10.8
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,411	0.00	1,411	141	0.00	—	4,938
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	315	0.00	315	31.5	0.00	—	1,102
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	118	0.00	118	11.8	0.00	—	413
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	3.08	0.00	3.08	0.31	0.00	—	10.8
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,411	0.00	1,411	141	0.00	—	4,938
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	315	0.00	315	31.5	0.00	—	1,102
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	118	0.00	118	11.8	0.00	—	413
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.79
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	234	0.00	234	23.4	0.00	—	817
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	—	182

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
General Office Building	—	—	—	—	—	—	—	—	—	—	—	19.9	0.00	19.9	1.99	0.00	—	69.7
Elementary School	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.4
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	771	0.00	771	77.0	0.00	—	2,697

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910

City Park	—	—	—	—	—	—	—	—	—	—	—	3.08	0.00	3.08	0.31	0.00	—	10.8
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,411	0.00	1,411	141	0.00	—	4,938
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	315	0.00	315	31.5	0.00	—	1,102
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	118	0.00	118	11.8	0.00	—	413
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	3.08	0.00	3.08	0.31	0.00	—	10.8
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,411	0.00	1,411	141	0.00	—	4,938
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	315	0.00	315	31.5	0.00	—	1,102
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	118	0.00	118	11.8	0.00	—	413

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.79
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	234	0.00	234	23.4	0.00	—	817
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	—	182
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
General Office Building	—	—	—	—	—	—	—	—	—	—	—	19.9	0.00	19.9	1.99	0.00	—	69.7

Elementary	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.4
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	771	0.00	771	77.0	0.00	—	2,697

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.7	35.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.36	5.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.7	35.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.36	5.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29

Refriger Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.91	5.91
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.89	0.89
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	158	158

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.7	35.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.36	5.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.7	35.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.36	5.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5

City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.91	5.91
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.89	0.89
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	158	158

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.11	0.10	0.28	0.25	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	45.7	45.7	< 0.005	< 0.005	0.00	45.8
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.11	0.10	0.28	0.25	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	45.7	45.7	< 0.005	< 0.005	0.00	45.8
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	66,610	54,024	53,346	22,964,818
City Park	3,326	8,358	9,338	1,789,858	10,717	26,930	30,090	5,767,209
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	26,970	27,256	24,427	9,726,315	147,346	148,909	133,456	53,138,611
Apartments Low Rise	5,326	5,923	4,569	1,935,694	29,099	32,358	24,964	10,575,441
User Defined Industrial	1,323	958	937	443,694	79,380	57,456	56,196	26,621,640
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	60,074	1,596	634	15,778,492
Strip Mall	13,452	12,612	6,129	4,484,338	70,124	65,745	31,950	23,376,535
General Office Building	2,602	530	168	714,816	18,002	3,669	1,162	4,945,230

Elementary School	2,724	0.00	0.00	710,186	3,952	0.00	0.00	1,030,375
Refrigerated Warehouse-No Rail	960	545	522	305,797	6,589	3,739	3,580	2,099,489

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	66,610	54,024	53,346	22,964,818
City Park	3,326	8,358	9,338	1,789,858	10,717	26,930	30,090	5,767,209
Government (Civic Center)	114	114	114	41,609	821	821	821	299,683
Single Family Housing	26,970	27,256	24,427	9,726,315	147,346	148,909	133,456	53,138,611
Apartments Low Rise	5,326	5,923	4,569	1,935,694	29,099	32,358	24,964	10,575,441
User Defined Industrial	1,323	958	937	443,694	79,380	57,456	56,196	26,621,640
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	60,074	1,596	634	15,778,492
Strip Mall	13,452	12,612	6,129	4,484,338	70,124	65,745	31,950	23,376,535
General Office Building	2,602	530	168	714,816	18,002	3,669	1,162	4,945,230
Elementary School	2,724	0.00	0.00	710,186	3,952	0.00	0.00	1,030,375
Refrigerated Warehouse-No Rail	960	545	522	305,797	6,589	3,739	3,580	2,099,489

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
12989160	4,329,720	7,285,236	2,428,412	317,735

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	26,710,237	261	0.0330	0.0040	0.00
Apartments Low Rise	5,408,965	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00

Parking Lot	4,638,936	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
General Office Building	4,186,361	261	0.0330	0.0040	0.00
Elementary School	652,916	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	25,930,015	261	0.0330	0.0040	0.00
Apartments Low Rise	5,215,338	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	4,638,936	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
General Office Building	4,186,361	261	0.0330	0.0040	0.00
Elementary School	652,916	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	102,066,382
Government (Civic Center)	3,277,885	512,488
Single Family Housing	116,326,997	649,179,458
Apartments Low Rise	32,132,282	5,034,562
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	9,679,119
Strip Mall	22,221,756	2,456,034
General Office Building	42,656,100	1,769,513
Elementary School	2,909,088	4,727,292
Refrigerated Warehouse-No Rail	161,875,000	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	102,066,382
Government (Civic Center)	3,277,885	512,488
Single Family Housing	105,543,484	649,179,458
Apartments Low Rise	29,153,620	5,034,562
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	9,679,119
Strip Mall	22,221,756	2,456,034
General Office Building	42,656,100	1,769,513

Elementary School	2,909,088	4,727,292
Refrigerated Warehouse-No Rail	161,875,000	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	5.72	—
Government (Civic Center)	94.0	—
Single Family Housing	2,619	—
Apartments Low Rise	584	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
General Office Building	223	—
Elementary School	219	—
Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	5.72	—
Government (Civic Center)	94.0	—
Single Family Housing	2,619	—
Apartments Low Rise	584	—
User Defined Industrial	0.00	—

Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
General Office Building	223	—
Elementary School	219	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0

Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A

Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885

Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0

Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

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APPENDIX 3.3:

CALEEMOD PROJECT LOCALIZED OPERATIONAL EMISSIONS MODEL OUTPUTS

15218 Mesa Verde Ph1 Ops HCCS LST Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph1 Ops HCCS LST
Operational Year	2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	700	1000sqft	16.1	700,000	282,661	—	—	—

City Park	12.7	Acre	12.7	0.00	553,212	553,212	—	—
Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	709	Dwelling Unit	230	1,382,550	8,304,416	—	2,290	—
Apartments Low Rise	185	Dwelling Unit	11.6	196,100	61,594	—	598	—
User Defined Industrial	1,400	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	47.6	Acre	47.6	0.00	0.00	—	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	282,661	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	57.6	126	30.0	234	0.21	0.64	14.7	15.3	0.60	3.73	4.33	1,994	46,460	48,454	206	3.88	828	55,598
Mit.	57.6	126	30.0	234	0.21	0.64	14.7	15.3	0.60	3.73	4.33	1,987	46,273	48,261	206	3.86	828	55,382

% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	39.7	109	30.3	123	0.19	0.51	14.7	15.2	0.50	3.73	4.23	1,994	45,175	47,169	207	3.92	790	54,292
Mit.	39.7	109	30.3	123	0.19	0.51	14.7	15.2	0.50	3.73	4.23	1,987	44,988	46,975	206	3.90	790	54,076
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	43.7	113	21.1	185	0.17	0.29	13.1	13.4	0.26	3.34	3.60	1,994	42,770	44,764	206	3.73	804	51,838
Mit.	43.7	113	21.1	185	0.17	0.29	13.1	13.4	0.26	3.34	3.60	1,987	42,583	44,570	206	3.71	804	51,622
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.98	20.6	3.86	33.7	0.03	0.05	2.40	2.45	0.05	0.61	0.66	330	7,081	7,411	34.2	0.62	133	8,582
Mit.	7.98	20.6	3.86	33.7	0.03	0.05	2.40	2.45	0.05	0.61	0.66	329	7,050	7,379	34.0	0.61	133	8,547
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	39.4	38.1	20.4	116	0.19	0.17	14.7	14.8	0.16	3.73	3.89	—	19,542	19,542	2.09	1.78	38.9	20,163
Area	15.6	85.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,863	22,863	2.89	0.35	—	23,039
Water	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Total	57.6	126	30.0	234	0.21	0.64	14.7	15.3	0.60	3.73	4.33	1,994	46,460	48,454	206	3.88	828	55,598
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	37.2	35.7	21.7	117	0.18	0.17	14.7	14.8	0.16	3.73	3.89	—	18,645	18,645	2.29	1.83	1.01	19,248
Area	—	71.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,863	22,863	2.89	0.35	—	23,039
Water	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Total	39.7	109	30.3	123	0.19	0.51	14.7	15.2	0.50	3.73	4.23	1,994	45,175	47,169	207	3.92	790	54,292
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	32.7	31.4	19.3	107	0.16	0.15	13.1	13.3	0.14	3.34	3.48	—	16,988	16,988	2.05	1.64	15.2	17,543
Area	10.7	81.0	0.68	77.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	266	266	0.01	< 0.005	—	267
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,863	22,863	2.89	0.35	—	23,039
Water	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	0.35	0.31	1.18	0.80	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	161	161	0.01	< 0.005	0.00	162
Total	43.7	113	21.1	185	0.17	0.29	13.1	13.4	0.26	3.34	3.60	1,994	42,770	44,764	206	3.73	804	51,838

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.97	5.72	3.52	19.5	0.03	0.03	2.40	2.42	0.03	0.61	0.64	—	2,813	2,813	0.34	0.27	2.52	2,905
Area	1.95	14.8	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	3,785	3,785	0.48	0.06	—	3,814
Water	—	—	—	—	—	—	—	—	—	—	—	115	413	528	11.9	0.29	—	910
Waste	—	—	—	—	—	—	—	—	—	—	—	215	0.00	215	21.5	0.00	—	751
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
Stationary	0.06	0.06	0.22	0.15	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	26.7	26.7	< 0.005	< 0.005	0.00	26.7
Total	7.98	20.6	3.86	33.7	0.03	0.05	2.40	2.45	0.05	0.61	0.66	330	7,081	7,411	34.2	0.62	133	8,582

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	39.4	38.1	20.4	116	0.19	0.17	14.7	14.8	0.16	3.73	3.89	—	19,542	19,542	2.09	1.78	38.9	20,163
Area	15.6	85.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,692	22,692	2.87	0.35	—	22,868
Water	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Total	57.6	126	30.0	234	0.21	0.64	14.7	15.3	0.60	3.73	4.33	1,987	46,273	48,261	206	3.86	828	55,382
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	37.2	35.7	21.7	117	0.18	0.17	14.7	14.8	0.16	3.73	3.89	—	18,645	18,645	2.29	1.83	1.01	19,248
Area	—	71.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,692	22,692	2.87	0.35	—	22,868
Water	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Total	39.7	109	30.3	123	0.19	0.51	14.7	15.2	0.50	3.73	4.23	1,987	44,988	46,975	206	3.90	790	54,076
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	32.7	31.4	19.3	107	0.16	0.15	13.1	13.3	0.14	3.34	3.48	—	16,988	16,988	2.05	1.64	15.2	17,543
Area	10.7	81.0	0.68	77.1	< 0.005	0.09	—	0.09	0.07	—	0.07	—	266	266	0.01	< 0.005	—	267
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	22,692	22,692	2.87	0.35	—	22,868
Water	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Waste	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Stationary	0.35	0.31	1.18	0.80	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	161	161	0.01	< 0.005	0.00	162
Total	43.7	113	21.1	185	0.17	0.29	13.1	13.4	0.26	3.34	3.60	1,987	42,583	44,570	206	3.71	804	51,622
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.97	5.72	3.52	19.5	0.03	0.03	2.40	2.42	0.03	0.61	0.64	—	2,813	2,813	0.34	0.27	2.52	2,905
Area	1.95	14.8	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	3,757	3,757	0.48	0.06	—	3,786
Water	—	—	—	—	—	—	—	—	—	—	—	114	410	524	11.8	0.28	—	903
Waste	—	—	—	—	—	—	—	—	—	—	—	215	0.00	215	21.5	0.00	—	751
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
Stationary	0.06	0.06	0.22	0.15	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	26.7	26.7	< 0.005	< 0.005	0.00	26.7

Total	7.98	20.6	3.86	33.7	0.03	0.05	2.40	2.45	0.05	0.61	0.66	329	7,050	7,379	34.0	0.61	133	8,547

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	8.17	7.94	1.84	26.3	0.04	0.02	3.36	3.38	0.02	0.85	0.87	—	3,647	3,647	0.41	0.24	6.85	3,737
City Park	4.92	4.79	1.61	11.4	0.01	0.01	0.99	1.01	0.01	0.25	0.26	—	1,366	1,366	0.22	0.15	2.52	1,419
Government (Civic Center)	0.32	0.31	0.12	0.91	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	148	148	0.02	0.01	0.31	153
Single Family Housing	19.0	18.4	6.97	53.3	0.08	0.07	6.88	6.95	0.06	1.75	1.81	—	8,482	8,482	0.92	0.69	17.4	8,728
Apartments Low Rise	3.91	3.78	1.43	10.9	0.02	0.01	1.41	1.43	0.01	0.36	0.37	—	1,742	1,742	0.19	0.14	3.58	1,793
User Defined Industrial	0.68	0.45	7.91	5.52	0.03	0.05	0.92	0.96	0.04	0.25	0.29	—	3,074	3,074	0.21	0.47	6.15	3,224
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Refrigerated	2.43	2.36	0.55	7.80	0.01	0.01	1.00	1.00	0.01	0.25	0.26	—	1,082	1,082	0.12	0.07	2.03	1,109
Total	39.4	38.1	20.4	116	0.19	0.17	14.7	14.8	0.16	3.73	3.89	—	19,542	19,542	2.09	1.78	38.9	20,163
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	7.80	7.54	1.98	26.3	0.03	0.02	3.36	3.38	0.02	0.85	0.87	—	3,407	3,407	0.46	0.25	0.18	3,495
City Park	4.62	4.48	1.70	12.0	0.01	0.01	0.99	1.01	0.01	0.25	0.26	—	1,304	1,304	0.25	0.16	0.07	1,357
Government (Civic Center)	0.30	0.29	0.13	0.91	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	141	141	0.02	0.01	0.01	145
Single Family Housing	17.9	17.2	7.41	53.5	0.08	0.07	6.88	6.95	0.06	1.75	1.81	—	8,041	8,041	1.02	0.71	0.45	8,279
Apartments Low Rise	3.67	3.54	1.52	11.0	0.02	0.01	1.41	1.43	0.01	0.36	0.37	—	1,652	1,652	0.21	0.15	0.09	1,701
User Defined Industrial	0.63	0.40	8.35	5.68	0.03	0.05	0.92	0.96	0.04	0.25	0.29	—	3,090	3,090	0.20	0.47	0.16	3,235
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	2.31	2.24	0.59	7.79	0.01	0.01	1.00	1.00	0.01	0.25	0.26	—	1,011	1,011	0.14	0.08	0.05	1,037
Total	37.2	35.7	21.7	117	0.18	0.17	14.7	14.8	0.16	3.73	3.89	—	18,645	18,645	2.29	1.83	1.01	19,248
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	1.33	1.28	0.35	4.62	0.01	< 0.005	0.57	0.57	< 0.005	0.14	0.15	—	538	538	0.07	0.04	0.46	553

City Park	0.44	0.42	0.16	1.17	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	114	114	0.02	0.01	0.09	119
Government (Civic Center)	0.05	0.05	0.02	0.17	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	23.5	23.5	< 0.005	< 0.005	0.02	24.2
Single Family Housing	3.15	3.03	1.33	9.72	0.01	0.01	1.21	1.22	0.01	0.31	0.32	—	1,312	1,312	0.16	0.12	1.22	1,352
Apartments Low Rise	0.59	0.57	0.25	1.83	< 0.005	< 0.005	0.23	0.23	< 0.005	0.06	0.06	—	247	247	0.03	0.02	0.23	254
User Defined Industrial	0.11	0.07	1.33	0.91	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	454	454	0.03	0.07	0.39	476
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.30	0.29	0.08	1.06	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	124	124	0.02	0.01	0.11	127
Total	5.97	5.72	3.52	19.5	0.03	0.03	2.40	2.42	0.03	0.61	0.64	—	2,813	2,813	0.34	0.27	2.52	2,905

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	8.17	7.94	1.84	26.3	0.04	0.02	3.36	3.38	0.02	0.85	0.87	—	3,647	3,647	0.41	0.24	6.85	3,737
City Park	4.92	4.79	1.61	11.4	0.01	0.01	0.99	1.01	0.01	0.25	0.26	—	1,366	1,366	0.22	0.15	2.52	1,419

Governm (Civic Center)	0.32	0.31	0.12	0.91	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	148	148	0.02	0.01	0.31	153
Single Family Housing	19.0	18.4	6.97	53.3	0.08	0.07	6.88	6.95	0.06	1.75	1.81	—	8,482	8,482	0.92	0.69	17.4	8,728
Apartments Low Rise	3.91	3.78	1.43	10.9	0.02	0.01	1.41	1.43	0.01	0.36	0.37	—	1,742	1,742	0.19	0.14	3.58	1,793
User Defined Industrial	0.68	0.45	7.91	5.52	0.03	0.05	0.92	0.96	0.04	0.25	0.29	—	3,074	3,074	0.21	0.47	6.15	3,224
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	2.43	2.36	0.55	7.80	0.01	0.01	1.00	1.00	0.01	0.25	0.26	—	1,082	1,082	0.12	0.07	2.03	1,109
Total	39.4	38.1	20.4	116	0.19	0.17	14.7	14.8	0.16	3.73	3.89	—	19,542	19,542	2.09	1.78	38.9	20,163
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	7.80	7.54	1.98	26.3	0.03	0.02	3.36	3.38	0.02	0.85	0.87	—	3,407	3,407	0.46	0.25	0.18	3,495
City Park	4.62	4.48	1.70	12.0	0.01	0.01	0.99	1.01	0.01	0.25	0.26	—	1,304	1,304	0.25	0.16	0.07	1,357
Government (Civic Center)	0.30	0.29	0.13	0.91	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	141	141	0.02	0.01	0.01	145
Single Family Housing	17.9	17.2	7.41	53.5	0.08	0.07	6.88	6.95	0.06	1.75	1.81	—	8,041	8,041	1.02	0.71	0.45	8,279

Apartments Low Rise	3.67	3.54	1.52	11.0	0.02	0.01	1.41	1.43	0.01	0.36	0.37	—	1,652	1,652	0.21	0.15	0.09	1,701
User Defined Industrial	0.63	0.40	8.35	5.68	0.03	0.05	0.92	0.96	0.04	0.25	0.29	—	3,090	3,090	0.20	0.47	0.16	3,235
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	2.31	2.24	0.59	7.79	0.01	0.01	1.00	1.00	0.01	0.25	0.26	—	1,011	1,011	0.14	0.08	0.05	1,037
Total	37.2	35.7	21.7	117	0.18	0.17	14.7	14.8	0.16	3.73	3.89	—	18,645	18,645	2.29	1.83	1.01	19,248
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	1.33	1.28	0.35	4.62	0.01	< 0.005	0.57	0.57	< 0.005	0.14	0.15	—	538	538	0.07	0.04	0.46	553
City Park	0.44	0.42	0.16	1.17	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	114	114	0.02	0.01	0.09	119
Government (Civic Center)	0.05	0.05	0.02	0.17	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	23.5	23.5	< 0.005	< 0.005	0.02	24.2
Single Family Housing	3.15	3.03	1.33	9.72	0.01	0.01	1.21	1.22	0.01	0.31	0.32	—	1,312	1,312	0.16	0.12	1.22	1,352
Apartments Low Rise	0.59	0.57	0.25	1.83	< 0.005	< 0.005	0.23	0.23	< 0.005	0.06	0.06	—	247	247	0.03	0.02	0.23	254
User Defined Industrial	0.11	0.07	1.33	0.91	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	454	454	0.03	0.07	0.39	476
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Refrigerated Warehou Rail	0.30	0.29	0.08	1.06	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.03	—	124	124	0.02	0.01	0.11	127
Total	5.97	5.72	3.52	19.5	0.03	0.03	2.40	2.42	0.03	0.61	0.64	—	2,813	2,813	0.34	0.27	2.52	2,905

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	4,786	4,786	0.61	0.07	—	4,823
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	4,731	4,731	0.60	0.07	—	4,768
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	905	905	0.11	0.01	—	912
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,297	1,297	0.16	0.02	—	1,307

Refrigera Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,863	22,863	2.89	0.35	—	23,039
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	4,786	4,786	0.61	0.07	—	4,823
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	4,731	4,731	0.60	0.07	—	4,768
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	905	905	0.11	0.01	—	912
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,297	1,297	0.16	0.02	—	1,307
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,863	22,863	2.89	0.35	—	23,039
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	792	792	0.10	0.01	—	798

City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	783	783	0.10	0.01	—	789
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	150	150	0.02	< 0.005	—	151
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	215	215	0.03	< 0.005	—	216
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,785	3,785	0.48	0.06	—	3,814

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	4,786	4,786	0.61	0.07	—	4,823
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Governm (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	4,593	4,593	0.58	0.07	—	4,628
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	873	873	0.11	0.01	—	879
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,297	1,297	0.16	0.02	—	1,307
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,692	22,692	2.87	0.35	—	22,868
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	4,786	4,786	0.61	0.07	—	4,823
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	4,593	4,593	0.58	0.07	—	4,628

Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	873	873	0.11	0.01	—	879
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1,297	1,297	0.16	0.02	—	1,307
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	22,692	22,692	2.87	0.35	—	22,868
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	792	792	0.10	0.01	—	798
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	760	760	0.10	0.01	—	766
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	144	144	0.02	< 0.005	—	146
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	215	215	0.03	< 0.005	—	216

Refrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,757	3,757	0.48	0.06	—	3,786

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	64.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	6.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	15.6	14.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Total	15.6	85.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	64.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	—	6.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	71.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	11.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.95	1.81	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3
Total	1.95	14.8	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	64.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	6.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	15.6	14.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390
Total	15.6	85.5	0.99	112	0.01	0.13	—	0.13	0.10	—	0.10	—	389	389	0.02	< 0.005	—	390

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	64.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	6.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	71.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	11.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.95	1.81	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3
Total	1.95	14.8	0.12	14.1	< 0.005	0.02	—	0.02	0.01	—	0.01	—	44.1	44.1	< 0.005	< 0.005	—	44.3

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	73.9	73.9	0.01	< 0.005	—	74.5
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	55.3	750	806	5.76	0.15	—	993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	14.4	41.1	55.5	1.48	0.04	—	103
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
Total	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	73.9	73.9	0.01	< 0.005	—	74.5
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	55.3	750	806	5.76	0.15	—	993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	14.4	41.1	55.5	1.48	0.04	—	103
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
Total	—	—	—	—	—	—	—	—	—	—	—	696	2,492	3,188	71.7	1.73	—	5,498
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	354
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	12.2	12.2	< 0.005	< 0.005	—	12.3
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	9.15	124	133	0.95	0.02	—	164
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	2.39	6.81	9.20	0.25	0.01	—	17.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	354
Total	—	—	—	—	—	—	—	—	—	—	—	115	413	528	11.9	0.29	—	910

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	73.9	73.9	0.01	< 0.005	—	74.5
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	50.1	737	788	5.23	0.13	—	958
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	13.1	37.7	50.8	1.35	0.03	—	94.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Refrigera Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
Total	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	73.9	73.9	0.01	< 0.005	—	74.5
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	50.1	737	788	5.23	0.13	—	958
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	13.1	37.7	50.8	1.35	0.03	—	94.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	804	1,115	31.9	0.77	—	2,141
Total	—	—	—	—	—	—	—	—	—	—	—	690	2,476	3,165	71.1	1.72	—	5,454
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	354

City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	12.2	12.2	< 0.005	< 0.005	—	12.3
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	8.30	122	130	0.87	0.02	—	159
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	2.17	6.25	8.41	0.22	0.01	—	15.6
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	354
Total	—	—	—	—	—	—	—	—	—	—	—	114	410	524	11.8	0.28	—	903

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	468	0.00	468	46.8	0.00	—	1,637

City Park	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.06
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	350	0.00	350	35.0	0.00	—	1,224
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	73.8	0.00	73.8	7.37	0.00	—	258
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	468	0.00	468	46.8	0.00	—	1,637
City Park	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.06
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	350	0.00	350	35.0	0.00	—	1,224

Apartme Low Rise	—	—	—	—	—	—	—	—	—	—	—	73.8	0.00	73.8	7.37	0.00	—	258
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	77.4	0.00	77.4	7.74	0.00	—	271
City Park	—	—	—	—	—	—	—	—	—	—	—	0.10	0.00	0.10	0.01	0.00	—	0.34
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	57.9	0.00	57.9	5.79	0.00	—	203
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	12.2	0.00	12.2	1.22	0.00	—	42.7
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	215	0.00	215	21.5	0.00	—	751

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	468	0.00	468	46.8	0.00	—	1,637
City Park	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.06
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	350	0.00	350	35.0	0.00	—	1,224
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	73.8	0.00	73.8	7.37	0.00	—	258
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	468	0.00	468	46.8	0.00	—	1,637
City Park	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.06
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	350	0.00	350	35.0	0.00	—	1,224
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	73.8	0.00	73.8	7.37	0.00	—	258
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	1,297	0.00	1,297	130	0.00	—	4,539
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	77.4	0.00	77.4	7.74	0.00	—	271
City Park	—	—	—	—	—	—	—	—	—	—	—	0.10	0.00	0.10	0.01	0.00	—	0.34
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	57.9	0.00	57.9	5.79	0.00	—	203
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	12.2	0.00	12.2	1.22	0.00	—	42.7
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	215	0.00	215	21.5	0.00	—	751

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.5	65.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.85	8.85
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.26	1.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.5	65.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.85	8.85

Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.26	1.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.8	10.8
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.47	1.47
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.21	0.21
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.5	65.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.85	8.85
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.26	1.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.5	65.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.85	8.85
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.26	1.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	789	789
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.8	10.8
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.47	1.47
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.21	0.21
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3

Total	0.06	0.06	0.22	0.15	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	26.7	26.7	< 0.005	< 0.005	0.00	26.7

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	2.52	2.30	8.62	5.86	0.01	0.34	0.00	0.34	0.34	0.00	0.34	0.00	1,175	1,175	0.05	0.01	0.00	1,179
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3

Total	0.06	0.06	0.22	0.15	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	26.7	26.7	< 0.005	< 0.005	0.00	26.7

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

General Light Industry	3,234	2,623	2,590	1,114,966	4,823	3,912	3,863	1,662,770
City Park	636	1,598	1,786	342,259	500	1,257	1,405	269,303
Government (Civic Center)	114	114	114	41,609	171	171	171	62,414
Single Family Housing	6,686	6,757	6,056	2,411,174	9,616	9,718	8,709	3,467,895
Apartments Low Rise	1,248	1,388	1,071	453,575	1,795	1,996	1,540	652,359
User Defined Industrial	701	441	427	228,125	1,052	662	641	342,188
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	960	77.0	30.8	255,829	1,431	115	45.9	381,522

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	3,234	2,623	2,590	1,114,966	4,823	3,912	3,863	1,662,770
City Park	636	1,598	1,786	342,259	500	1,257	1,405	269,303
Government (Civic Center)	114	114	114	41,609	171	171	171	62,414
Single Family Housing	6,686	6,757	6,056	2,411,174	9,616	9,718	8,709	3,467,895
Apartments Low Rise	1,248	1,388	1,071	453,575	1,795	1,996	1,540	652,359
User Defined Industrial	701	441	427	228,125	1,052	662	641	342,188
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	960	77.0	30.8	255,829	1,431	115	45.9	381,522

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
3196766.25	1,065,589	2,124,750	708,250	124,355

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)

General Light Industry	6,698,350	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	6,621,524	261	0.0330	0.0040	0.00
Apartments Low Rise	1,266,656	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	1,815,584	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	6,698,350	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	6,428,105	261	0.0330	0.0040	0.00
Apartments Low Rise	1,221,313	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	1,815,584	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	161,875,000	4,481,791
City Park	0.00	19,492,377

Government (Civic Center)	3,277,885	512,488
Single Family Housing	28,837,706	160,932,957
Apartments Low Rise	7,524,648	1,193,643
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Refrigerated Warehouse-No Rail	161,875,000	4,481,791

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	161,875,000	4,481,791
City Park	0.00	19,492,377
Government (Civic Center)	3,277,885	512,488
Single Family Housing	26,164,451	160,932,957
Apartments Low Rise	6,827,113	1,193,643
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Refrigerated Warehouse-No Rail	161,875,000	4,481,791

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	868	—
City Park	1.09	—
Government (Civic Center)	94.0	—
Single Family Housing	649	—
Apartments Low Rise	137	—

User Defined Industrial	0.00	—
Parking Lot	0.00	—
Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	868	—
City Park	1.09	—
Government (Civic Center)	94.0	—
Single Family Housing	649	—
Apartments Low Rise	137	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00

Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5

Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024

Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0

No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

15218 Mesa Verde Ph2 Ops HCCS LST Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph2 Ops HCCS LST
Operational Year	2035
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	1,400	1000sqft	32.1	1,400,000	565,322	—	—	—

City Park	28.9	Acre	28.9	0.00	1,258,884	1,258,884	—	—
Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	1,177	Dwelling Unit	382	2,295,150	13,786,033	—	3,802	—
Apartments Low Rise	266	Dwelling Unit	16.6	281,960	115,260	—	859	—
User Defined Industrial	2,800	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	98.2	Acre	98.2	0.00	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	222,592	—	—	—
Strip Mall	50.0	1000sqft	1.15	50,000	27,443	—	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	222,592	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	108	233	51.9	492	0.60	1.12	52.4	53.5	1.03	13.3	14.3	3,779	100,759	104,538	390	7.97	926	117,603
Mit.	108	233	51.9	492	0.60	1.12	52.4	53.5	1.03	13.3	14.3	3,768	100,457	104,225	389	7.94	926	117,253
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	75.5	202	52.6	274	0.55	0.86	52.4	53.3	0.84	13.3	14.1	3,779	96,854	100,632	391	8.09	863	113,675
Mit.	75.5	202	52.6	274	0.55	0.86	52.4	53.3	0.84	13.3	14.1	3,768	96,551	100,319	390	8.06	863	113,325
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	82.2	208	39.1	379	0.49	0.58	45.5	46.1	0.51	11.5	12.1	3,779	89,879	93,657	390	7.60	886	106,564
Mit.	82.2	208	39.1	379	0.49	0.58	45.5	46.1	0.51	11.5	12.1	3,768	89,576	93,344	389	7.57	886	106,214
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.0	37.9	7.14	69.2	0.09	0.11	8.30	8.41	0.09	2.11	2.20	626	14,880	15,506	64.6	1.26	147	17,643
Mit.	15.0	37.9	7.14	69.2	0.09	0.11	8.30	8.41	0.09	2.11	2.20	624	14,830	15,454	64.4	1.25	147	17,585
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	75.2	72.2	38.7	277	0.57	0.38	52.4	52.8	0.35	13.3	13.6	—	58,429	58,429	4.14	4.01	65.1	59,793
Area	29.7	157	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	35,197	35,197	4.45	0.54	—	35,469
Water	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Total	108	233	51.9	492	0.60	1.12	52.4	53.5	1.03	13.3	14.3	3,779	100,759	104,538	390	7.97	926	117,603
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	71.9	68.8	41.3	265	0.54	0.38	52.4	52.8	0.35	13.3	13.6	—	55,255	55,255	4.50	4.13	1.69	56,600
Area	—	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	35,197	35,197	4.45	0.54	—	35,469
Water	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Total	75.5	202	52.6	274	0.55	0.86	52.4	53.3	0.84	13.3	14.1	3,779	96,854	100,632	391	8.09	863	113,675
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	61.3	58.6	36.3	236	0.48	0.33	45.5	45.8	0.31	11.5	11.9	—	49,228	49,228	3.92	3.66	24.9	50,440
Area	20.3	148	1.24	142	0.01	0.18	—	0.18	0.13	—	0.13	—	501	501	0.02	< 0.005	—	503
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	35,197	35,197	4.45	0.54	—	35,469
Water	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861

Stationar	0.49	0.45	1.56	1.15	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	230	230	0.01	< 0.005	0.00	231
Total	82.2	208	39.1	379	0.49	0.58	45.5	46.1	0.51	11.5	12.1	3,779	89,879	93,657	390	7.60	886	106,564
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.2	10.7	6.63	43.1	0.09	0.06	8.30	8.36	0.06	2.11	2.16	—	8,150	8,150	0.65	0.61	4.13	8,351
Area	3.71	27.1	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	5,827	5,827	0.74	0.09	—	5,872
Water	—	—	—	—	—	—	—	—	—	—	—	226	782	1,008	23.3	0.56	—	1,758
Waste	—	—	—	—	—	—	—	—	—	—	—	399	0.00	399	39.9	0.00	—	1,397
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	143
Stationary	0.09	0.08	0.28	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	38.1	38.1	< 0.005	< 0.005	0.00	38.2
Total	15.0	37.9	7.14	69.2	0.09	0.11	8.30	8.41	0.09	2.11	2.20	626	14,880	15,506	64.6	1.26	147	17,643

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	75.2	72.2	38.7	277	0.57	0.38	52.4	52.8	0.35	13.3	13.6	—	58,429	58,429	4.14	4.01	65.1	59,793
Area	29.7	157	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	34,921	34,921	4.42	0.54	—	35,191
Water	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Total	108	233	51.9	492	0.60	1.12	52.4	53.5	1.03	13.3	14.3	3,768	100,457	104,225	389	7.94	926	117,253

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	71.9	68.8	41.3	265	0.54	0.38	52.4	52.8	0.35	13.3	13.6	—	55,255	55,255	4.50	4.13	1.69	56,600
Area	—	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	34,921	34,921	4.42	0.54	—	35,191
Water	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Total	75.5	202	52.6	274	0.55	0.86	52.4	53.3	0.84	13.3	14.1	3,768	96,551	100,319	390	8.06	863	113,325
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	61.3	58.6	36.3	236	0.48	0.33	45.5	45.8	0.31	11.5	11.9	—	49,228	49,228	3.92	3.66	24.9	50,440
Area	20.3	148	1.24	142	0.01	0.18	—	0.18	0.13	—	0.13	—	501	501	0.02	< 0.005	—	503
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	34,921	34,921	4.42	0.54	—	35,191
Water	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550
Waste	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Stationary	0.49	0.45	1.56	1.15	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	230	230	0.01	< 0.005	0.00	231
Total	82.2	208	39.1	379	0.49	0.58	45.5	46.1	0.51	11.5	12.1	3,768	89,576	93,344	389	7.57	886	106,214
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.2	10.7	6.63	43.1	0.09	0.06	8.30	8.36	0.06	2.11	2.16	—	8,150	8,150	0.65	0.61	4.13	8,351
Area	3.71	27.1	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	5,782	5,782	0.73	0.09	—	5,826
Water	—	—	—	—	—	—	—	—	—	—	—	225	778	1,002	23.1	0.56	—	1,747
Waste	—	—	—	—	—	—	—	—	—	—	—	399	0.00	399	39.9	0.00	—	1,397

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	143
Stationary	0.09	0.08	0.28	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	38.1	38.1	< 0.005	< 0.005	0.00	38.2
Total	15.0	37.9	7.14	69.2	0.09	0.11	8.30	8.41	0.09	2.11	2.20	624	14,830	15,454	64.4	1.25	147	17,585

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	14.5	14.0	3.56	58.0	0.11	0.04	11.1	11.1	0.04	2.79	2.83	—	10,714	10,714	0.73	0.50	10.5	10,892
City Park	9.39	9.10	3.50	26.2	0.04	0.03	3.66	3.69	0.03	0.93	0.95	—	4,258	4,258	0.45	0.36	4.59	4,381
Government (Civic Center)	0.27	0.26	0.12	1.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.05	0.05	—	217	217	0.01	0.01	0.25	221
Single Family Housing	26.8	25.8	11.5	95.9	0.20	0.12	18.5	18.6	0.11	4.70	4.81	—	20,023	20,023	1.43	1.27	23.2	20,461
Apartments Low Rise	4.77	4.58	2.04	17.1	0.03	0.02	3.29	3.31	0.02	0.84	0.86	—	3,561	3,561	0.25	0.23	4.13	3,639
User Defined Industrial	0.99	0.61	12.3	8.31	0.06	0.10	2.19	2.29	0.09	0.59	0.68	—	6,102	6,102	0.33	0.92	8.30	6,394

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	9.80	9.49	2.41	39.2	0.07	0.03	7.49	7.52	0.03	1.89	1.92	—	7,248	7,248	0.49	0.34	7.07	7,368
Strip Mall	6.49	6.25	2.75	22.9	0.05	0.03	4.35	4.38	0.03	1.10	1.13	—	4,717	4,717	0.34	0.30	5.46	4,821
Refrigerated Warehouse-No Rail	2.15	2.08	0.53	8.60	0.02	0.01	1.64	1.65	0.01	0.41	0.42	—	1,590	1,590	0.11	0.07	1.55	1,616
Total	75.2	72.2	38.7	277	0.57	0.38	52.4	52.8	0.35	13.3	13.6	—	58,429	58,429	4.14	4.01	65.1	59,793
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	14.0	13.5	3.85	54.7	0.10	0.04	11.1	11.1	0.04	2.79	2.83	—	9,964	9,964	0.80	0.53	0.27	10,140
City Park	8.96	8.65	3.73	26.4	0.04	0.03	3.66	3.69	0.03	0.93	0.96	—	4,038	4,038	0.50	0.37	0.12	4,161
Government (Civic Center)	0.26	0.25	0.13	0.96	< 0.005	< 0.005	0.20	0.20	< 0.005	0.05	0.05	—	204	204	0.02	0.01	0.01	209
Single Family Housing	25.6	24.5	12.2	91.4	0.18	0.12	18.5	18.6	0.11	4.70	4.81	—	18,893	18,893	1.55	1.31	0.60	19,323
Apartments Low Rise	4.55	4.36	2.17	16.3	0.03	0.02	3.29	3.31	0.02	0.84	0.86	—	3,360	3,360	0.27	0.23	0.11	3,436
User Defined Industrial	0.92	0.55	13.1	8.53	0.06	0.10	2.19	2.29	0.09	0.59	0.68	—	6,126	6,126	0.33	0.93	0.22	6,411
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrige Warehouse-No Rail	9.44	9.10	2.60	37.0	0.07	0.03	7.49	7.52	0.03	1.89	1.92	—	6,740	6,740	0.54	0.36	0.18	6,860
Strip Mall	6.20	5.94	2.93	21.9	0.04	0.03	4.35	4.38	0.03	1.10	1.13	—	4,452	4,452	0.37	0.31	0.14	4,554
Refrigerated Warehouse-No Rail	2.07	2.00	0.57	8.12	0.01	0.01	1.64	1.65	0.01	0.41	0.42	—	1,478	1,478	0.12	0.08	0.04	1,505
Total	71.9	68.8	41.3	265	0.54	0.38	52.4	52.8	0.35	13.3	13.6	—	55,255	55,255	4.50	4.13	1.69	56,600
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	2.37	2.29	0.68	9.67	0.02	0.01	1.88	1.88	0.01	0.47	0.48	—	1,575	1,575	0.13	0.08	0.71	1,604
City Park	0.85	0.82	0.36	2.58	< 0.005	< 0.005	0.34	0.35	< 0.005	0.09	0.09	—	354	354	0.04	0.03	0.17	365
Government (Civic Center)	0.05	0.05	0.02	0.18	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	34.1	34.1	< 0.005	< 0.005	0.02	34.9
Single Family Housing	4.51	4.32	2.18	16.7	0.03	0.02	3.25	3.27	0.02	0.82	0.84	—	3,084	3,084	0.25	0.21	1.62	3,156
Apartments Low Rise	0.73	0.70	0.36	2.72	0.01	< 0.005	0.53	0.53	< 0.005	0.13	0.14	—	502	502	0.04	0.03	0.26	514
User Defined Industrial	0.16	0.10	2.12	1.40	0.01	0.02	0.36	0.37	0.02	0.10	0.11	—	920	920	0.05	0.14	0.54	963
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	1.22	1.18	0.35	4.99	0.01	< 0.005	0.97	0.97	< 0.005	0.24	0.25	—	812	812	0.06	0.04	0.36	827
Strip Mall	0.98	0.94	0.47	3.59	0.01	< 0.005	0.69	0.69	< 0.005	0.17	0.18	—	653	653	0.05	0.05	0.34	668

Refrigera Warehouse-No Rail	0.33	0.31	0.09	1.33	< 0.005	< 0.005	0.26	0.26	< 0.005	0.06	0.07	—	216	216	0.02	0.01	0.10	220
Total	11.2	10.7	6.63	43.1	0.09	0.06	8.30	8.36	0.06	2.11	2.16	—	8,150	8,150	0.65	0.61	4.13	8,351

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	14.5	14.0	3.56	58.0	0.11	0.04	11.1	11.1	0.04	2.79	2.83	—	10,714	10,714	0.73	0.50	10.5	10,892
City Park	9.39	9.10	3.50	26.2	0.04	0.03	3.66	3.69	0.03	0.93	0.95	—	4,258	4,258	0.45	0.36	4.59	4,381
Government (Civic Center)	0.27	0.26	0.12	1.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.05	0.05	—	217	217	0.01	0.01	0.25	221
Single Family Housing	26.8	25.8	11.5	95.9	0.20	0.12	18.5	18.6	0.11	4.70	4.81	—	20,023	20,023	1.43	1.27	23.2	20,461
Apartments Low Rise	4.77	4.58	2.04	17.1	0.03	0.02	3.29	3.31	0.02	0.84	0.86	—	3,561	3,561	0.25	0.23	4.13	3,639
User Defined Industrial	0.99	0.61	12.3	8.31	0.06	0.10	2.19	2.29	0.09	0.59	0.68	—	6,102	6,102	0.33	0.92	8.30	6,394
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehouse-No Rail	9.80	9.49	2.41	39.2	0.07	0.03	7.49	7.52	0.03	1.89	1.92	—	7,248	7,248	0.49	0.34	7.07	7,368
Strip Mall	6.49	6.25	2.75	22.9	0.05	0.03	4.35	4.38	0.03	1.10	1.13	—	4,717	4,717	0.34	0.30	5.46	4,821
Refrigerated Warehouse-No Rail	2.15	2.08	0.53	8.60	0.02	0.01	1.64	1.65	0.01	0.41	0.42	—	1,590	1,590	0.11	0.07	1.55	1,616
Total	75.2	72.2	38.7	277	0.57	0.38	52.4	52.8	0.35	13.3	13.6	—	58,429	58,429	4.14	4.01	65.1	59,793
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	14.0	13.5	3.85	54.7	0.10	0.04	11.1	11.1	0.04	2.79	2.83	—	9,964	9,964	0.80	0.53	0.27	10,140
City Park	8.96	8.65	3.73	26.4	0.04	0.03	3.66	3.69	0.03	0.93	0.96	—	4,038	4,038	0.50	0.37	0.12	4,161
Government (Civic Center)	0.26	0.25	0.13	0.96	< 0.005	< 0.005	0.20	0.20	< 0.005	0.05	0.05	—	204	204	0.02	0.01	0.01	209
Single Family Housing	25.6	24.5	12.2	91.4	0.18	0.12	18.5	18.6	0.11	4.70	4.81	—	18,893	18,893	1.55	1.31	0.60	19,323
Apartments Low Rise	4.55	4.36	2.17	16.3	0.03	0.02	3.29	3.31	0.02	0.84	0.86	—	3,360	3,360	0.27	0.23	0.11	3,436
User Defined Industrial	0.92	0.55	13.1	8.53	0.06	0.10	2.19	2.29	0.09	0.59	0.68	—	6,126	6,126	0.33	0.93	0.22	6,411
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehou Rail	9.44	9.10	2.60	37.0	0.07	0.03	7.49	7.52	0.03	1.89	1.92	—	6,740	6,740	0.54	0.36	0.18	6,860
Strip Mall	6.20	5.94	2.93	21.9	0.04	0.03	4.35	4.38	0.03	1.10	1.13	—	4,452	4,452	0.37	0.31	0.14	4,554
Refrigerated Warehouse-No Rail	2.07	2.00	0.57	8.12	0.01	0.01	1.64	1.65	0.01	0.41	0.42	—	1,478	1,478	0.12	0.08	0.04	1,505
Total	71.9	68.8	41.3	265	0.54	0.38	52.4	52.8	0.35	13.3	13.6	—	55,255	55,255	4.50	4.13	1.69	56,600
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	2.37	2.29	0.68	9.67	0.02	0.01	1.88	1.88	0.01	0.47	0.48	—	1,575	1,575	0.13	0.08	0.71	1,604
City Park	0.85	0.82	0.36	2.58	< 0.005	< 0.005	0.34	0.35	< 0.005	0.09	0.09	—	354	354	0.04	0.03	0.17	365
Government (Civic Center)	0.05	0.05	0.02	0.18	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	34.1	34.1	< 0.005	< 0.005	0.02	34.9
Single Family Housing	4.51	4.32	2.18	16.7	0.03	0.02	3.25	3.27	0.02	0.82	0.84	—	3,084	3,084	0.25	0.21	1.62	3,156
Apartments Low Rise	0.73	0.70	0.36	2.72	0.01	< 0.005	0.53	0.53	< 0.005	0.13	0.14	—	502	502	0.04	0.03	0.26	514
User Defined Industrial	0.16	0.10	2.12	1.40	0.01	0.02	0.36	0.37	0.02	0.10	0.11	—	920	920	0.05	0.14	0.54	963
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	1.22	1.18	0.35	4.99	0.01	< 0.005	0.97	0.97	< 0.005	0.24	0.25	—	812	812	0.06	0.04	0.36	827

Strip Mall	0.98	0.94	0.47	3.59	0.01	< 0.005	0.69	0.69	< 0.005	0.17	0.18	—	653	653	0.05	0.05	0.34	668
Refrigerated Warehouse-No Rail	0.33	0.31	0.09	1.33	< 0.005	< 0.005	0.26	0.26	< 0.005	0.06	0.07	—	216	216	0.02	0.01	0.10	220
Total	11.2	10.7	6.63	43.1	0.09	0.06	8.30	8.36	0.06	2.11	2.16	—	8,150	8,150	0.65	0.61	4.13	8,351

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	9,572	9,572	1.21	0.15	—	9,646
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,854	7,854	0.99	0.12	—	7,915
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,301	1,301	0.16	0.02	—	1,311
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,676	2,676	0.34	0.04	—	2,697
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,302	2,302	0.29	0.04	—	2,320
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	349	349	0.04	0.01	—	351
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	35,197	35,197	4.45	0.54	—	35,469
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	9,572	9,572	1.21	0.15	—	9,646
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,854	7,854	0.99	0.12	—	7,915
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,301	1,301	0.16	0.02	—	1,311
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,676	2,676	0.34	0.04	—	2,697

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,302	2,302	0.29	0.04	—	2,320
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	349	349	0.04	0.01	—	351
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	35,197	35,197	4.45	0.54	—	35,469
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,585	1,585	0.20	0.02	—	1,597
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,300	1,300	0.16	0.02	—	1,310
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	215	215	0.03	< 0.005	—	217
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	443	443	0.06	0.01	—	447
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	381	381	0.05	0.01	—	384
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	57.7	57.7	0.01	< 0.005	—	58.2

Refrigera Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	5,827	5,827	0.74	0.09	—	5,872

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	9,572	9,572	1.21	0.15	—	9,646
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,624	7,624	0.96	0.12	—	7,683
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,255	1,255	0.16	0.02	—	1,264
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,676	2,676	0.34	0.04	—	2,697

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,302	2,302	0.29	0.04	—	2,320
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	349	349	0.04	0.01	—	351
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	34,921	34,921	4.42	0.54	—	35,191
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	9,572	9,572	1.21	0.15	—	9,646
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,624	7,624	0.96	0.12	—	7,683
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,255	1,255	0.16	0.02	—	1,264
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,676	2,676	0.34	0.04	—	2,697

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,302	2,302	0.29	0.04	—	2,320
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	349	349	0.04	0.01	—	351
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	34,921	34,921	4.42	0.54	—	35,191
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,585	1,585	0.20	0.02	—	1,597
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,262	1,262	0.16	0.02	—	1,272
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	208	208	0.03	< 0.005	—	209
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	443	443	0.06	0.01	—	447
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	381	381	0.05	0.01	—	384

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	57.7	57.7	0.01	< 0.005	—	58.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	5,782	5,782	0.73	0.09	—	5,826

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrige Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	29.7	27.6	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Total	29.7	157	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	21.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	2.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.71	3.45	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3
Total	3.71	27.1	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	—	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	29.7	27.6	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Total	29.7	157	1.80	207	0.01	0.26	—	0.26	0.20	—	0.20	—	732	732	0.03	0.01	—	734
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	21.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	2.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.71	3.45	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3
Total	3.71	27.1	0.23	25.9	< 0.005	0.03	—	0.03	0.02	—	0.02	—	83.0	83.0	< 0.005	< 0.005	—	83.3

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	620	1,609	2,229	63.8	1.54	—	4,282
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	168	168	0.02	< 0.005	—	169
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	91.7	1,246	1,338	9.56	0.24	—	1,649
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	20.7	61.1	81.8	2.13	0.05	—	150
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.10	19.7	26.8	0.73	0.02	—	50.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137

Total	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	620	1,609	2,229	63.8	1.54	—	4,282
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	168	168	0.02	< 0.005	—	169
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	91.7	1,246	1,338	9.56	0.24	—	1,649
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	20.7	61.1	81.8	2.13	0.05	—	150
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.10	19.7	26.8	0.73	0.02	—	50.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Total	—	—	—	—	—	—	—	—	—	—	—	1,367	4,723	6,089	141	3.40	—	10,621
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	103	266	369	10.6	0.25	—	709
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	27.8	27.8	< 0.005	< 0.005	—	28.1
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	15.2	206	221	1.58	0.04	—	273
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	3.43	10.1	13.5	0.35	0.01	—	24.9
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	184	5.28	0.13	—	354
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	1.17	3.26	4.43	0.12	< 0.005	—	8.32
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	184	5.28	0.13	—	354
Total	—	—	—	—	—	—	—	—	—	—	—	226	782	1,008	23.3	0.56	—	1,758

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	620	1,609	2,229	63.8	1.54	—	4,282
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	168	168	0.02	< 0.005	—	169
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	83.2	1,224	1,307	8.69	0.22	—	1,591
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	18.8	56.2	75.0	1.94	0.05	—	137
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.10	19.7	26.8	0.73	0.02	—	50.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Total	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	620	1,609	2,229	63.8	1.54	—	4,282
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	168	168	0.02	< 0.005	—	169
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	83.2	1,224	1,307	8.69	0.22	—	1,591
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	18.8	56.2	75.0	1.94	0.05	—	137
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.10	19.7	26.8	0.73	0.02	—	50.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	801	1,111	31.9	0.77	—	2,137
Total	—	—	—	—	—	—	—	—	—	—	—	1,356	4,696	6,052	140	3.38	—	10,550
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	103	266	369	10.6	0.25	—	709
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	27.8	27.8	< 0.005	< 0.005	—	28.1
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	13.8	203	216	1.44	0.04	—	263
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	3.11	9.31	12.4	0.32	0.01	—	22.7
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	184	5.28	0.13	—	354
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	1.17	3.26	4.43	0.12	< 0.005	—	8.32
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	184	5.28	0.13	—	354
Total	—	—	—	—	—	—	—	—	—	—	—	225	778	1,002	23.1	0.56	—	1,747

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	936	0.00	936	93.5	0.00	—	3,273
City Park	—	—	—	—	—	—	—	—	—	—	—	1.34	0.00	1.34	0.13	0.00	—	4.69
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	581	0.00	581	58.1	0.00	—	2,032
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	106	0.00	106	10.6	0.00	—	371
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.3	0.00	28.3	2.83	0.00	—	99.0
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241

Total	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	936	0.00	936	93.5	0.00	—	3,273
City Park	—	—	—	—	—	—	—	—	—	—	—	1.34	0.00	1.34	0.13	0.00	—	4.69
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	581	0.00	581	58.1	0.00	—	2,032
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	106	0.00	106	10.6	0.00	—	371
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.3	0.00	28.3	2.83	0.00	—	99.0
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	155	0.00	155	15.5	0.00	—	542
City Park	—	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	—	0.78
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	96.2	0.00	96.2	9.61	0.00	—	336
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.75	0.00	—	61.4
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	4.68	0.00	4.68	0.47	0.00	—	16.4
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	399	0.00	399	39.9	0.00	—	1,397

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	936	0.00	936	93.5	0.00	—	3,273
City Park	—	—	—	—	—	—	—	—	—	—	—	1.34	0.00	1.34	0.13	0.00	—	4.69
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	581	0.00	581	58.1	0.00	—	2,032
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	106	0.00	106	10.6	0.00	—	371
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.3	0.00	28.3	2.83	0.00	—	99.0
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	936	0.00	936	93.5	0.00	—	3,273
City Park	—	—	—	—	—	—	—	—	—	—	—	1.34	0.00	1.34	0.13	0.00	—	4.69
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	581	0.00	581	58.1	0.00	—	2,032
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	106	0.00	106	10.6	0.00	—	371
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.3	0.00	28.3	2.83	0.00	—	99.0
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	2,412	0.00	2,412	241	0.00	—	8,439
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	155	0.00	155	15.5	0.00	—	542
City Park	—	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	—	0.78
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	96.2	0.00	96.2	9.61	0.00	—	336
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.75	0.00	—	61.4
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	4.68	0.00	4.68	0.47	0.00	—	16.4
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	399	0.00	399	39.9	0.00	—	1,397

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.81	1.81
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

Government	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.81	1.81
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.7	21.7
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.43	2.43
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.30	0.30
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	143

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.81	1.81
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	131
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.81	1.81
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	861	861
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.7	21.7
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.43	2.43
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.30	0.30

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	143

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011

Emergen Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.05	0.05	0.14	0.13	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	22.8	22.8	< 0.005	< 0.005	0.00	22.9
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.09	0.08	0.28	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	38.1	38.1	< 0.005	< 0.005	0.00	38.2

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011

Emergency Generato	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	3.61	3.28	11.4	8.37	0.02	0.48	0.00	0.48	0.48	0.00	0.48	0.00	1,679	1,679	0.07	0.01	0.00	1,685
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.05	0.05	0.14	0.13	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	22.8	22.8	< 0.005	< 0.005	0.00	22.9
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.09	0.08	0.28	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	38.1	38.1	< 0.005	< 0.005	0.00	38.2

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	6,468	5,246	5,180	2,229,931	15,908	12,902	12,740	5,484,381
City Park	1,446	3,634	4,060	778,155	1,844	4,633	5,177	992,179
Government (Civic Center)	114	114	114	41,609	285	285	285	104,024
Single Family Housing	11,100	11,218	10,054	4,003,182	25,923	26,198	23,480	9,348,871
Apartments Low Rise	1,794	1,995	1,539	651,973	4,189	4,659	3,594	1,522,592
User Defined Industrial	1,011	697	680	335,362	2,527	1,743	1,701	838,405
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	4,376	116	46.2	1,149,276	10,762	286	114	2,826,574
Strip Mall	2,724	2,102	1,022	873,054	6,152	4,747	2,307	1,971,845
Refrigerated Warehouse-No Rail	960	545	522	305,797	2,360	1,339	1,283	752,089

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	6,468	5,246	5,180	2,229,931	15,908	12,902	12,740	5,484,381
City Park	1,446	3,634	4,060	778,155	1,844	4,633	5,177	992,179

Government (Civic Center)	114	114	114	41,609	285	285	285	104,024
Single Family Housing	11,100	11,218	10,054	4,003,182	25,923	26,198	23,480	9,348,871
Apartments Low Rise	1,794	1,995	1,539	651,973	4,189	4,659	3,594	1,522,592
User Defined Industrial	1,011	697	680	335,362	2,527	1,743	1,701	838,405
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	4,376	116	46.2	1,149,276	10,762	286	114	2,826,574
Strip Mall	2,724	2,102	1,022	873,054	6,152	4,747	2,307	1,971,845
Refrigerated Warehouse-No Rail	960	545	522	305,797	2,360	1,339	1,283	752,089

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
5218647.75	1,739,549	4,299,750	1,433,250	256,551

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	13,396,700	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	10,992,290	261	0.0330	0.0040	0.00
Apartments Low Rise	1,821,246	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	3,745,644	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	3,221,646	261	0.0330	0.0040	0.00
Strip Mall	487,920	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)

General Light Industry	13,396,700	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	10,671,199	261	0.0330	0.0040	0.00
Apartments Low Rise	1,756,051	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	3,745,644	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	3,221,646	261	0.0330	0.0040	0.00
Strip Mall	487,920	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	323,750,000	8,963,582
City Park	0.00	44,356,668
Government (Civic Center)	3,277,885	512,488
Single Family Housing	47,873,033	267,162,322
Apartments Low Rise	10,819,224	2,233,647
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	161,875,000	3,529,354
Strip Mall	3,703,626	435,128
Refrigerated Warehouse-No Rail	161,875,000	3,529,354

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	323,750,000	8,963,582
City Park	0.00	44,356,668
Government (Civic Center)	3,277,885	512,488
Single Family Housing	43,435,203	267,162,322
Apartments Low Rise	9,816,282	2,233,647
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	161,875,000	3,529,354
Strip Mall	3,703,626	435,128
Refrigerated Warehouse-No Rail	161,875,000	3,529,354

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1,736	—
City Park	2.49	—
Government (Civic Center)	94.0	—
Single Family Housing	1,078	—
Apartments Low Rise	197	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	658	—
Strip Mall	52.5	—
Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1,736	—
City Park	2.49	—
Government (Civic Center)	94.0	—
Single Family Housing	1,078	—
Apartments Low Rise	197	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	658	—
Strip Mall	52.5	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4
Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5

Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973
Active commuting	3.195175157
Social	—

2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7
Cognitively Disabled	96.9
Physically Disabled	80.2

Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0
Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

15218 Mesa Verde Ph3 Ops HCCS LST Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph3 Ops HCCS LST
Operational Year	2038
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	2,100	1000sqft	48.2	2,100,000	756,811	—	—	—

City Park	37.8	Acre	37.8	0.00	1,646,568	1,646,568	—	—
Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	1,624	Dwelling Unit	527	3,166,800	19,021,680	—	5,246	—
Apartments Low Rise	347	Dwelling Unit	21.7	367,820	115,260	—	1,121	—
User Defined Industrial	4,200	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	111	Acre	111	0.00	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	1,400	1000sqft	32.1	1,400,000	305,225	—	—	—
Strip Mall	300	1000sqft	6.89	300,000	154,899	—	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	305,225	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	174	357	79.6	817	1.13	1.65	106	108	1.51	26.9	28.5	5,693	169,722	175,415	588	12.8	1,014	194,964
Mit.	174	357	79.6	817	1.13	1.65	106	108	1.51	26.9	28.5	5,679	169,309	174,987	587	12.8	1,014	194,486
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	124	310	81.2	478	1.05	1.25	106	108	1.21	26.9	28.2	5,693	162,254	167,947	589	13.0	936	187,491
Mit.	124	310	81.2	478	1.05	1.25	106	108	1.21	26.9	28.2	5,679	161,841	167,519	587	13.0	936	187,013
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	134	318	63.3	630	0.93	0.92	92.0	92.9	0.82	23.3	24.2	5,693	149,604	155,297	588	12.3	965	174,608
Mit.	134	318	63.3	630	0.93	0.92	92.0	92.9	0.82	23.3	24.2	5,679	149,191	154,869	586	12.2	965	174,130
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	24.4	58.1	11.6	115	0.17	0.17	16.8	17.0	0.15	4.26	4.41	943	24,769	25,711	97.3	2.03	160	28,908
Mit.	24.4	58.1	11.6	115	0.17	0.17	16.8	17.0	0.15	4.26	4.41	940	24,700	25,640	97.1	2.02	160	28,829
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	124	119	62.8	497	1.09	0.62	106	107	0.59	26.9	27.5	—	111,709	111,709	6.88	6.95	80.4	114,033
Area	45.2	233	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,766	47,766	6.04	0.73	—	48,136
Water	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Total	174	357	79.6	817	1.13	1.65	106	108	1.51	26.9	28.5	5,693	169,722	175,415	588	12.8	1,014	194,964
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	119	114	67.1	467	1.03	0.63	106	107	0.59	26.9	27.5	—	105,347	105,347	7.44	7.16	2.08	107,671
Area	—	192	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,766	47,766	6.04	0.73	—	48,136
Water	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Total	124	310	81.2	478	1.05	1.25	106	108	1.21	26.9	28.2	5,693	162,254	167,947	589	13.0	936	187,491
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	102	97.6	59.5	417	0.92	0.56	92.0	92.6	0.52	23.3	23.9	—	93,823	93,823	6.51	6.38	30.8	95,917
Area	31.0	220	1.84	212	0.01	0.27	—	0.27	0.21	—	0.21	—	758	758	0.03	0.01	—	761
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,766	47,766	6.04	0.73	—	48,136
Water	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934

Stationar	0.64	0.58	1.94	1.49	< 0.005	0.09	0.00	0.09	0.09	0.00	0.09	0.00	299	299	0.01	< 0.005	0.00	300
Total	134	318	63.3	630	0.93	0.92	92.0	92.9	0.82	23.3	24.2	5,693	149,604	155,297	588	12.3	965	174,608
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	18.7	17.8	10.9	76.2	0.17	0.10	16.8	16.9	0.10	4.26	4.35	—	15,533	15,533	1.08	1.06	5.10	15,880
Area	5.65	40.2	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	7,908	7,908	1.00	0.12	—	7,969
Water	—	—	—	—	—	—	—	—	—	—	—	342	1,152	1,494	35.2	0.85	—	2,626
Waste	—	—	—	—	—	—	—	—	—	—	—	601	0.00	601	60.1	0.00	—	2,102
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	155	155
Stationary	0.12	0.11	0.35	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	49.5	49.5	< 0.005	< 0.005	0.00	49.7
Total	24.4	58.1	11.6	115	0.17	0.17	16.8	17.0	0.15	4.26	4.41	943	24,769	25,711	97.3	2.03	160	28,908

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	124	119	62.8	497	1.09	0.62	106	107	0.59	26.9	27.5	—	111,709	111,709	6.88	6.95	80.4	114,033
Area	45.2	233	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,389	47,389	6.00	0.73	—	47,756
Water	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Total	174	357	79.6	817	1.13	1.65	106	108	1.51	26.9	28.5	5,679	169,309	174,987	587	12.8	1,014	194,486

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	119	114	67.1	467	1.03	0.63	106	107	0.59	26.9	27.5	—	105,347	105,347	7.44	7.16	2.08	107,671
Area	—	192	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,389	47,389	6.00	0.73	—	47,756
Water	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Total	124	310	81.2	478	1.05	1.25	106	108	1.21	26.9	28.2	5,679	161,841	167,519	587	13.0	936	187,013
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	102	97.6	59.5	417	0.92	0.56	92.0	92.6	0.52	23.3	23.9	—	93,823	93,823	6.51	6.38	30.8	95,917
Area	31.0	220	1.84	212	0.01	0.27	—	0.27	0.21	—	0.21	—	758	758	0.03	0.01	—	761
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	47,389	47,389	6.00	0.73	—	47,756
Water	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766
Waste	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Stationary	0.64	0.58	1.94	1.49	< 0.005	0.09	0.00	0.09	0.09	0.00	0.09	0.00	299	299	0.01	< 0.005	0.00	300
Total	134	318	63.3	630	0.93	0.92	92.0	92.9	0.82	23.3	24.2	5,679	149,191	154,869	586	12.2	965	174,130
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	18.7	17.8	10.9	76.2	0.17	0.10	16.8	16.9	0.10	4.26	4.35	—	15,533	15,533	1.08	1.06	5.10	15,880
Area	5.65	40.2	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	7,846	7,846	0.99	0.12	—	7,906
Water	—	—	—	—	—	—	—	—	—	—	—	339	1,146	1,485	34.9	0.84	—	2,610
Waste	—	—	—	—	—	—	—	—	—	—	—	601	0.00	601	60.1	0.00	—	2,102

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	155	155
Stationary	0.12	0.11	0.35	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	49.5	49.5	< 0.005	< 0.005	0.00	49.7
Total	24.4	58.1	11.6	115	0.17	0.17	16.8	17.0	0.15	4.26	4.41	940	24,700	25,640	97.1	2.02	160	28,829

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	20.5	19.8	5.21	89.0	0.18	0.06	19.1	19.1	0.06	4.82	4.87	—	17,839	17,839	1.03	0.75	10.6	18,100
City Park	11.4	11.0	4.48	34.6	0.06	0.04	5.70	5.74	0.03	1.45	1.48	—	6,254	6,254	0.56	0.48	4.45	6,416
Government (Civic Center)	0.26	0.24	0.12	1.06	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	247	247	0.01	0.01	0.19	252
Single Family Housing	34.3	33.0	15.3	134	0.29	0.16	28.8	29.0	0.15	7.31	7.46	—	29,804	29,804	1.87	1.77	22.5	30,401
Apartments Low Rise	5.77	5.54	2.57	22.5	0.05	0.03	4.85	4.87	0.03	1.23	1.25	—	5,011	5,011	0.31	0.30	3.78	5,111
User Defined Industrial	1.30	0.80	16.6	11.0	0.08	0.14	3.43	3.57	0.13	0.92	1.05	—	8,829	8,829	0.44	1.34	8.77	9,248

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	18.5	17.8	4.70	80.3	0.16	0.05	17.2	17.3	0.05	4.34	4.39	—	16,088	16,088	0.93	0.68	9.54	16,324
Strip Mall	29.8	28.6	13.3	116	0.25	0.14	25.0	25.2	0.13	6.34	6.47	—	25,871	25,871	1.63	1.54	19.5	26,390
Refrigerated Warehouse-No Rail	2.02	1.96	0.52	8.81	0.02	0.01	1.89	1.89	0.01	0.48	0.48	—	1,765	1,765	0.10	0.07	1.05	1,790
Total	124	119	62.8	497	1.09	0.62	106	107	0.59	26.9	27.5	—	111,709	111,709	6.88	6.95	80.4	114,033
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	19.8	19.1	5.64	82.5	0.16	0.06	19.1	19.1	0.06	4.82	4.87	—	16,573	16,573	1.13	0.79	0.27	16,838
City Park	10.9	10.6	4.79	34.3	0.06	0.04	5.70	5.74	0.03	1.45	1.48	—	5,918	5,918	0.61	0.50	0.12	6,081
Government (Civic Center)	0.25	0.23	0.13	0.98	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	233	233	0.02	0.01	< 0.005	238
Single Family Housing	33.0	31.6	16.4	125	0.27	0.16	28.8	29.0	0.15	7.31	7.46	—	28,080	28,080	2.02	1.83	0.58	28,676
Apartments Low Rise	5.55	5.31	2.75	21.1	0.05	0.03	4.85	4.87	0.03	1.23	1.25	—	4,721	4,721	0.34	0.31	0.10	4,821
User Defined Industrial	1.21	0.72	17.6	11.3	0.08	0.14	3.43	3.57	0.13	0.92	1.05	—	8,862	8,862	0.44	1.35	0.23	9,275
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrige Warehouse-No Rail	17.9	17.2	5.09	74.4	0.15	0.05	17.2	17.3	0.05	4.34	4.39	—	14,947	14,947	1.02	0.71	0.25	15,186
Strip Mall	28.7	27.5	14.2	109	0.24	0.14	25.0	25.2	0.13	6.34	6.47	—	24,374	24,374	1.75	1.59	0.51	24,892
Refrigerated Warehouse-No Rail	1.96	1.89	0.56	8.16	0.02	0.01	1.89	1.89	0.01	0.48	0.48	—	1,639	1,639	0.11	0.08	0.03	1,666
Total	119	114	67.1	467	1.03	0.63	106	107	0.59	26.9	27.5	—	105,347	105,347	7.44	7.16	2.08	107,671
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.37	3.24	0.99	14.6	0.03	0.01	3.24	3.25	0.01	0.82	0.83	—	2,621	2,621	0.18	0.13	0.71	2,663
City Park	1.03	1.00	0.46	3.35	0.01	< 0.005	0.54	0.54	< 0.005	0.14	0.14	—	519	519	0.05	0.04	0.17	533
Government (Civic Center)	0.04	0.04	0.02	0.18	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	38.9	38.9	< 0.005	< 0.005	0.01	39.7
Single Family Housing	5.82	5.56	2.92	22.9	0.05	0.03	5.06	5.09	0.03	1.28	1.31	—	4,585	4,585	0.33	0.30	1.57	4,683
Apartments Low Rise	0.90	0.86	0.45	3.53	0.01	< 0.005	0.78	0.78	< 0.005	0.20	0.20	—	706	706	0.05	0.05	0.24	721
User Defined Industrial	0.21	0.13	2.89	1.88	0.01	0.02	0.57	0.59	0.02	0.15	0.17	—	1,345	1,345	0.07	0.20	0.58	1,408
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.31	2.23	0.68	10.0	0.02	0.01	2.22	2.23	0.01	0.56	0.57	—	1,801	1,801	0.12	0.09	0.49	1,830
Strip Mall	4.72	4.51	2.37	18.6	0.04	0.02	4.10	4.12	0.02	1.04	1.06	—	3,718	3,718	0.27	0.24	1.27	3,798

Refrigera Warehouse-No Rail	0.26	0.25	0.08	1.12	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	200	200	0.01	0.01	0.05	204
Total	18.7	17.8	10.9	76.2	0.17	0.10	16.8	16.9	0.10	4.26	4.35	—	15,533	15,533	1.08	1.06	5.10	15,880

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	20.5	19.8	5.21	89.0	0.18	0.06	19.1	19.1	0.06	4.82	4.87	—	17,839	17,839	1.03	0.75	10.6	18,100
City Park	11.4	11.0	4.48	34.6	0.06	0.04	5.70	5.74	0.03	1.45	1.48	—	6,254	6,254	0.56	0.48	4.45	6,416
Government (Civic Center)	0.26	0.24	0.12	1.06	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	247	247	0.01	0.01	0.19	252
Single Family Housing	34.3	33.0	15.3	134	0.29	0.16	28.8	29.0	0.15	7.31	7.46	—	29,804	29,804	1.87	1.77	22.5	30,401
Apartments Low Rise	5.77	5.54	2.57	22.5	0.05	0.03	4.85	4.87	0.03	1.23	1.25	—	5,011	5,011	0.31	0.30	3.78	5,111
User Defined Industrial	1.30	0.80	16.6	11.0	0.08	0.14	3.43	3.57	0.13	0.92	1.05	—	8,829	8,829	0.44	1.34	8.77	9,248
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehouse-No Rail	18.5	17.8	4.70	80.3	0.16	0.05	17.2	17.3	0.05	4.34	4.39	—	16,088	16,088	0.93	0.68	9.54	16,324
Strip Mall	29.8	28.6	13.3	116	0.25	0.14	25.0	25.2	0.13	6.34	6.47	—	25,871	25,871	1.63	1.54	19.5	26,390
Refrigerated Warehouse-No Rail	2.02	1.96	0.52	8.81	0.02	0.01	1.89	1.89	0.01	0.48	0.48	—	1,765	1,765	0.10	0.07	1.05	1,790
Total	124	119	62.8	497	1.09	0.62	106	107	0.59	26.9	27.5	—	111,709	111,709	6.88	6.95	80.4	114,033
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	19.8	19.1	5.64	82.5	0.16	0.06	19.1	19.1	0.06	4.82	4.87	—	16,573	16,573	1.13	0.79	0.27	16,838
City Park	10.9	10.6	4.79	34.3	0.06	0.04	5.70	5.74	0.03	1.45	1.48	—	5,918	5,918	0.61	0.50	0.12	6,081
Government (Civic Center)	0.25	0.23	0.13	0.98	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	233	233	0.02	0.01	< 0.005	238
Single Family Housing	33.0	31.6	16.4	125	0.27	0.16	28.8	29.0	0.15	7.31	7.46	—	28,080	28,080	2.02	1.83	0.58	28,676
Apartments Low Rise	5.55	5.31	2.75	21.1	0.05	0.03	4.85	4.87	0.03	1.23	1.25	—	4,721	4,721	0.34	0.31	0.10	4,821
User Defined Industrial	1.21	0.72	17.6	11.3	0.08	0.14	3.43	3.57	0.13	0.92	1.05	—	8,862	8,862	0.44	1.35	0.23	9,275
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehou Rail	17.9	17.2	5.09	74.4	0.15	0.05	17.2	17.3	0.05	4.34	4.39	—	14,947	14,947	1.02	0.71	0.25	15,186
Strip Mall	28.7	27.5	14.2	109	0.24	0.14	25.0	25.2	0.13	6.34	6.47	—	24,374	24,374	1.75	1.59	0.51	24,892
Refrigerated Warehouse-No Rail	1.96	1.89	0.56	8.16	0.02	0.01	1.89	1.89	0.01	0.48	0.48	—	1,639	1,639	0.11	0.08	0.03	1,666
Total	119	114	67.1	467	1.03	0.63	106	107	0.59	26.9	27.5	—	105,347	105,347	7.44	7.16	2.08	107,671
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.37	3.24	0.99	14.6	0.03	0.01	3.24	3.25	0.01	0.82	0.83	—	2,621	2,621	0.18	0.13	0.71	2,663
City Park	1.03	1.00	0.46	3.35	0.01	< 0.005	0.54	0.54	< 0.005	0.14	0.14	—	519	519	0.05	0.04	0.17	533
Government (Civic Center)	0.04	0.04	0.02	0.18	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	38.9	38.9	< 0.005	< 0.005	0.01	39.7
Single Family Housing	5.82	5.56	2.92	22.9	0.05	0.03	5.06	5.09	0.03	1.28	1.31	—	4,585	4,585	0.33	0.30	1.57	4,683
Apartments Low Rise	0.90	0.86	0.45	3.53	0.01	< 0.005	0.78	0.78	< 0.005	0.20	0.20	—	706	706	0.05	0.05	0.24	721
User Defined Industrial	0.21	0.13	2.89	1.88	0.01	0.02	0.57	0.59	0.02	0.15	0.17	—	1,345	1,345	0.07	0.20	0.58	1,408
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.31	2.23	0.68	10.0	0.02	0.01	2.22	2.23	0.01	0.56	0.57	—	1,801	1,801	0.12	0.09	0.49	1,830

Strip Mall	4.72	4.51	2.37	18.6	0.04	0.02	4.10	4.12	0.02	1.04	1.06	—	3,718	3,718	0.27	0.24	1.27	3,798
Refrigerated Warehouse-No Rail	0.26	0.25	0.08	1.12	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	200	200	0.01	0.01	0.05	204
Total	18.7	17.8	10.9	76.2	0.17	0.10	16.8	16.9	0.10	4.26	4.35	—	15,533	15,533	1.08	1.06	5.10	15,880

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	10,837	10,837	1.37	0.17	—	10,920
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,698	1,698	0.21	0.03	—	1,711
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,036	3,036	0.38	0.05	—	3,059
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	47,766	47,766	6.04	0.73	—	48,136
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	10,837	10,837	1.37	0.17	—	10,920
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,698	1,698	0.21	0.03	—	1,711
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,036	3,036	0.38	0.05	—	3,059

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	47,766	47,766	6.04	0.73	—	48,136
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,794	1,794	0.23	0.03	—	1,808
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	281	281	0.04	< 0.005	—	283
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	503	503	0.06	0.01	—	507
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349

Refrigera Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	7,908	7,908	1.00	0.12	—	7,969

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	10,520	10,520	1.33	0.16	—	10,601
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,637	1,637	0.21	0.03	—	1,649
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,036	3,036	0.38	0.05	—	3,059

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	47,389	47,389	6.00	0.73	—	47,756
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	10,520	10,520	1.33	0.16	—	10,601
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,637	1,637	0.21	0.03	—	1,649
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,036	3,036	0.38	0.05	—	3,059

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	47,389	47,389	6.00	0.73	—	47,756
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,742	1,742	0.22	0.03	—	1,755
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	271	271	0.03	< 0.005	—	273
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	503	503	0.06	0.01	—	507
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	7,846	7,846	0.99	0.12	—	7,906

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrige Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	174	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	17.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	45.2	42.0	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Total	45.2	233	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	174	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	17.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	192	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	31.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	3.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	5.65	5.25	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126
Total	5.65	40.2	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	174	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	—	17.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	45.2	42.0	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Total	45.2	233	2.68	309	0.02	0.40	—	0.40	0.30	—	0.30	—	1,107	1,107	0.05	0.01	—	1,111
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	174	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	17.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	192	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	31.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	3.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	5.65	5.25	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126
Total	5.65	40.2	0.34	38.6	< 0.005	0.05	—	0.05	0.04	—	0.04	—	126	126	0.01	< 0.005	—	126

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	220	220	0.03	< 0.005	—	222
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	127	1,719	1,846	13.2	0.33	—	2,275
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	27.0	77.1	104	2.78	0.07	—	194
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142

Total	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	220	220	0.03	< 0.005	—	222
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	127	1,719	1,846	13.2	0.33	—	2,275
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	27.0	77.1	104	2.78	0.07	—	194
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,064	6,957	9,021	212	5.13	—	15,863
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	36.4	36.4	< 0.005	< 0.005	—	36.7
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	21.0	285	306	2.18	0.06	—	377
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	4.48	12.8	17.2	0.46	0.01	—	32.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	264	366	10.6	0.25	—	706
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	355
Total	—	—	—	—	—	—	—	—	—	—	—	342	1,152	1,494	35.2	0.85	—	2,626

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	220	220	0.03	< 0.005	—	222
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	115	1,689	1,804	12.0	0.31	—	2,195
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	24.5	70.8	95.3	2.53	0.06	—	177
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	220	220	0.03	< 0.005	—	222
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	115	1,689	1,804	12.0	0.31	—	2,195
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	24.5	70.8	95.3	2.53	0.06	—	177
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,049	6,921	8,971	211	5.10	—	15,766
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	36.4	36.4	< 0.005	< 0.005	—	36.7
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	19.0	280	299	1.98	0.05	—	363
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	4.06	11.7	15.8	0.42	0.01	—	29.2
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	264	366	10.6	0.25	—	706
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	355
Total	—	—	—	—	—	—	—	—	—	—	—	339	1,146	1,485	34.9	0.84	—	2,610

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	1.75	0.00	1.75	0.18	0.00	—	6.13
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	801	0.00	801	80.1	0.00	—	2,804
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	138	0.00	138	13.8	0.00	—	484
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241

Total	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	1.75	0.00	1.75	0.18	0.00	—	6.13
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	801	0.00	801	80.1	0.00	—	2,804
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	138	0.00	138	13.8	0.00	—	484
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.29	0.00	0.29	0.03	0.00	—	1.01
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	133	0.00	133	13.3	0.00	—	464
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	22.9	0.00	22.9	2.29	0.00	—	80.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	601	0.00	601	60.1	0.00	—	2,102

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	1.75	0.00	1.75	0.18	0.00	—	6.13
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	801	0.00	801	80.1	0.00	—	2,804
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	138	0.00	138	13.8	0.00	—	484
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	1.75	0.00	1.75	0.18	0.00	—	6.13
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	801	0.00	801	80.1	0.00	—	2,804
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	138	0.00	138	13.8	0.00	—	484
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	3,629	0.00	3,629	363	0.00	—	12,697
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.29	0.00	0.29	0.03	0.00	—	1.01
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	133	0.00	133	13.3	0.00	—	464
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	22.9	0.00	22.9	2.29	0.00	—	80.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	601	0.00	601	60.1	0.00	—	2,102

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.3	20.3
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.36	2.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

Government	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.3	20.3
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.36	2.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.36	3.36
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	155	155

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.3	20.3
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.36	2.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.3	20.3
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.36	2.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	934	934
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.36	3.36
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39	0.39

Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	155	155

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	3.25	2.95	8.26	7.53	0.01	0.43	0.00	0.43	0.43	0.00	0.43	0.00	1,511	1,511	0.06	0.01	0.00	1,516
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	3.25	2.95	8.26	7.53	0.01	0.43	0.00	0.43	0.43	0.00	0.43	0.00	1,511	1,511	0.06	0.01	0.00	1,516

Emergen Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.08	0.07	0.21	0.19	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	34.3	34.3	< 0.005	< 0.005	0.00	34.4
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.12	0.11	0.35	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	49.5	49.5	< 0.005	< 0.005	0.00	49.7

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	3.25	2.95	8.26	7.53	0.01	0.43	0.00	0.43	0.43	0.00	0.43	0.00	1,511	1,511	0.06	0.01	0.00	1,516
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	3.25	2.95	8.26	7.53	0.01	0.43	0.00	0.43	0.43	0.00	0.43	0.00	1,511	1,511	0.06	0.01	0.00	1,516

Emergency Generato	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	4.69	4.27	14.1	10.9	0.02	0.63	0.00	0.63	0.63	0.00	0.63	0.00	2,183	2,183	0.09	0.02	0.00	2,190
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.08	0.07	0.21	0.19	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	34.3	34.3	< 0.005	< 0.005	0.00	34.4
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.12	0.11	0.35	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	49.5	49.5	< 0.005	< 0.005	0.00	49.7

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	27,421	22,239	21,960	9,453,648
City Park	1,890	4,749	5,307	1,017,087	2,874	7,222	8,070	1,546,695
Government (Civic Center)	114	114	114	41,609	342	342	342	124,828
Single Family Housing	15,314	15,477	13,871	5,522,914	40,369	40,797	36,564	14,558,678
Apartments Low Rise	2,340	2,602	2,007	850,470	6,169	6,859	5,292	2,241,882
User Defined Industrial	1,323	958	937	443,694	3,969	2,873	2,810	1,331,082
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	24,730	657	261	6,495,340
Strip Mall	13,452	12,612	6,129	4,484,338	35,409	33,198	16,133	11,804,033
Refrigerated Warehouse-No Rail	960	77.0	30.8	255,829	2,712	218	87.0	723,046

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	27,421	22,239	21,960	9,453,648
City Park	1,890	4,749	5,307	1,017,087	2,874	7,222	8,070	1,546,695

Government (Civic Center)	114	114	114	41,609	342	342	342	124,828
Single Family Housing	15,314	15,477	13,871	5,522,914	40,369	40,797	36,564	14,558,678
Apartments Low Rise	2,340	2,602	2,007	850,470	6,169	6,859	5,292	2,241,882
User Defined Industrial	1,323	958	937	443,694	3,969	2,873	2,810	1,331,082
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	24,730	657	261	6,495,340
Strip Mall	13,452	12,612	6,129	4,484,338	35,409	33,198	16,133	11,804,033
Refrigerated Warehouse-No Rail	960	77.0	30.8	255,829	2,712	218	87.0	723,046

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
7157605.5	2,385,869	6,774,750	2,258,250	291,024

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	15,166,932	261	0.0330	0.0040	0.00
Apartments Low Rise	2,375,836	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	4,248,956	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)

General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	14,723,897	261	0.0330	0.0040	0.00
Apartments Low Rise	2,290,788	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	4,248,956	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	58,016,681
Government (Civic Center)	3,277,885	512,488
Single Family Housing	66,054,211	368,624,984
Apartments Low Rise	14,113,800	2,233,647
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	4,839,559
Strip Mall	22,221,756	2,456,034
Refrigerated Warehouse-No Rail	161,875,000	4,839,559

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	58,016,681
Government (Civic Center)	3,277,885	512,488
Single Family Housing	59,930,985	368,624,984
Apartments Low Rise	12,805,451	2,233,647
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	4,839,559
Strip Mall	22,221,756	2,456,034
Refrigerated Warehouse-No Rail	161,875,000	4,839,559

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	3.25	—
Government (Civic Center)	94.0	—
Single Family Housing	1,487	—
Apartments Low Rise	257	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	3.25	—
Government (Civic Center)	94.0	—
Single Family Housing	1,487	—
Apartments Low Rise	257	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0

Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4

Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973

Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7

Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0

Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.

Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

15218 Mesa Verde Ph4 Ops HCCS LST Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph4 Ops HCCS LST
Operational Year	2040
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	2,100	1000sqft	48.2	2,100,000	756,811	—	—	—

City Park	54.3	Acre	54.3	0.00	2,365,308	2,365,308	—	—
Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	2,313	Dwelling Unit	751	4,510,350	27,091,838	—	7,471	—
Apartments Low Rise	541	Dwelling Unit	33.8	573,460	178,073	—	1,747	—
User Defined Industrial	4,200	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	122	Acre	122	0.00	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	1,400	1000sqft	32.1	1,400,000	305,225	—	—	—
Strip Mall	300	1000sqft	6.89	300,000	154,899	—	—	—
General Office Building	240	1000sqft	5.51	240,000	111,601	—	—	—
Elementary School	600	Student	1.15	50,162	71,351	71,351	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	305,225	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	204	428	96.3	1,009	1.46	1.97	142	144	1.82	35.9	37.7	6,443	214,140	220,584	666	15.1	1,022	242,767
Mit.	204	428	96.3	1,009	1.46	1.97	142	144	1.82	35.9	37.7	6,423	213,542	219,965	664	15.0	1,022	242,076
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	147	375	98.3	595	1.36	1.53	142	143	1.49	35.9	37.4	6,443	204,444	210,887	667	15.4	946	233,087
Mit.	147	375	98.3	595	1.36	1.53	142	143	1.49	35.9	37.4	6,423	203,846	210,269	665	15.3	946	232,396
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	157	383	76.1	774	1.20	1.08	122	123	0.97	31.0	31.9	6,443	187,413	193,856	666	14.3	974	215,740
Mit.	157	383	76.1	774	1.20	1.08	122	123	0.97	31.0	31.9	6,423	186,815	193,238	664	14.3	974	215,049
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	28.6	70.0	13.9	141	0.22	0.20	22.3	22.5	0.18	5.65	5.83	1,067	31,028	32,095	110	2.37	161	35,718
Mit.	28.6	70.0	13.9	141	0.22	0.20	22.3	22.5	0.18	5.65	5.83	1,063	30,929	31,993	110	2.36	161	35,604
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	146	140	76.1	624	1.42	0.76	142	142	0.71	35.9	36.6	—	145,289	145,289	8.34	8.67	77.1	148,159
Area	52.1	283	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,816	56,816	7.19	0.87	—	57,255
Water	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	204	428	96.3	1,009	1.46	1.97	142	144	1.82	35.9	37.7	6,443	214,140	220,584	666	15.1	1,022	242,767
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	141	135	81.4	581	1.34	0.76	142	142	0.71	35.9	36.6	—	136,885	136,885	8.98	8.94	2.00	139,776
Area	—	235	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,816	56,816	7.19	0.87	—	57,255
Water	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	147	375	98.3	595	1.36	1.53	142	143	1.49	35.9	37.4	6,443	204,444	210,887	667	15.4	946	233,087
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	120	115	71.6	517	1.18	0.67	122	123	0.63	31.0	31.6	—	121,287	121,287	7.81	7.90	29.4	123,867
Area	35.7	268	2.23	255	0.01	0.30	—	0.30	0.23	—	0.23	—	885	885	0.04	0.01	—	888
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,816	56,816	7.19	0.87	—	57,255
Water	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629

Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	0.79	0.72	2.31	1.83	< 0.005	0.11	0.00	0.11	0.11	0.00	0.11	0.00	368	368	0.01	< 0.005	0.00	369
Total	157	383	76.1	774	1.20	1.08	122	123	0.97	31.0	31.9	6,443	187,413	193,856	666	14.3	974	215,740
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	22.0	20.9	13.1	94.4	0.22	0.12	22.3	22.4	0.12	5.65	5.76	—	20,080	20,080	1.29	1.31	4.87	20,508
Area	6.51	48.9	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	9,407	9,407	1.19	0.14	—	9,479
Water	—	—	—	—	—	—	—	—	—	—	—	367	1,334	1,701	37.8	0.91	—	2,919
Waste	—	—	—	—	—	—	—	—	—	—	—	700	0.00	700	69.9	0.00	—	2,448
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	156
Stationary	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1
Total	28.6	70.0	13.9	141	0.22	0.20	22.3	22.5	0.18	5.65	5.83	1,067	31,028	32,095	110	2.37	161	35,718

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	146	140	76.1	624	1.42	0.76	142	142	0.71	35.9	36.6	—	145,289	145,289	8.34	8.67	77.1	148,159
Area	52.1	283	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,270	56,270	7.12	0.86	—	56,706
Water	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944

Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	204	428	96.3	1,009	1.46	1.97	142	144	1.82	35.9	37.7	6,423	213,542	219,965	664	15.0	1,022	242,076
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	141	135	81.4	581	1.34	0.76	142	142	0.71	35.9	36.6	—	136,885	136,885	8.98	8.94	2.00	139,776
Area	—	235	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,270	56,270	7.12	0.86	—	56,706
Water	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	147	375	98.3	595	1.36	1.53	142	143	1.49	35.9	37.4	6,423	203,846	210,269	665	15.3	946	232,396
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	120	115	71.6	517	1.18	0.67	122	123	0.63	31.0	31.6	—	121,287	121,287	7.81	7.90	29.4	123,867
Area	35.7	268	2.23	255	0.01	0.30	—	0.30	0.23	—	0.23	—	885	885	0.04	0.01	—	888
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	56,270	56,270	7.12	0.86	—	56,706
Water	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Waste	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Stationary	0.79	0.72	2.31	1.83	< 0.005	0.11	0.00	0.11	0.11	0.00	0.11	0.00	368	368	0.01	< 0.005	0.00	369
Total	157	383	76.1	774	1.20	1.08	122	123	0.97	31.0	31.9	6,423	186,815	193,238	664	14.3	974	215,049
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	22.0	20.9	13.1	94.4	0.22	0.12	22.3	22.4	0.12	5.65	5.76	—	20,080	20,080	1.29	1.31	4.87	20,508
Area	6.51	48.9	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	9,316	9,316	1.18	0.14	—	9,388

Water	—	—	—	—	—	—	—	—	—	—	—	364	1,325	1,689	37.5	0.91	—	2,895
Waste	—	—	—	—	—	—	—	—	—	—	—	700	0.00	700	69.9	0.00	—	2,448
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	156
Stationary	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1
Total	28.6	70.0	13.9	141	0.22	0.20	22.3	22.5	0.18	5.65	5.83	1,063	30,929	31,993	110	2.36	161	35,604

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	19.7	18.9	5.34	96.3	0.21	0.06	22.7	22.8	0.06	5.73	5.79	—	20,757	20,757	1.03	0.78	8.72	21,024
City Park	15.3	14.7	6.33	49.2	0.09	0.05	8.59	8.64	0.05	2.18	2.22	—	9,217	9,217	0.77	0.69	4.84	9,446
Government (Civic Center)	0.24	0.23	0.12	1.13	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	281	281	0.01	0.01	0.16	286
Single Family Housing	45.7	43.8	21.3	188	0.42	0.22	42.4	42.6	0.20	10.7	11.0	—	43,019	43,019	2.56	2.50	23.9	43,853
Apartments Low Rise	8.40	8.05	3.91	34.5	0.08	0.04	7.80	7.84	0.04	1.98	2.01	—	7,912	7,912	0.47	0.46	4.39	8,066

User Defined Industrial	1.31	0.80	17.1	11.2	0.09	0.16	3.99	4.15	0.15	1.07	1.22	—	9,739	9,739	0.44	1.48	7.81	10,199
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	17.7	17.1	4.82	86.9	0.19	0.06	20.5	20.5	0.05	5.17	5.22	—	18,720	18,720	0.93	0.71	7.87	18,961
Strip Mall	27.9	26.7	13.0	115	0.26	0.13	26.2	26.3	0.12	6.63	6.76	—	26,530	26,530	1.57	1.54	14.7	27,042
General Office Building	5.50	5.24	2.71	25.2	0.06	0.03	6.18	6.21	0.03	1.57	1.60	—	6,177	6,177	0.32	0.33	3.48	6,287
Elementary School	2.65	2.58	0.99	6.66	0.01	0.01	0.72	0.72	0.01	0.18	0.19	—	883	883	0.12	0.10	0.40	916
Refrigerated Warehouse-No Rail	1.94	1.87	0.53	9.53	0.02	0.01	2.25	2.25	0.01	0.57	0.57	—	2,053	2,053	0.10	0.08	0.86	2,080
Total	146	140	76.1	624	1.42	0.76	142	142	0.71	35.9	36.6	—	145,289	145,289	8.34	8.67	77.1	148,159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	19.1	18.3	5.79	87.6	0.19	0.06	22.7	22.8	0.06	5.73	5.79	—	19,264	19,264	1.12	0.82	0.23	19,538
City Park	14.7	14.2	6.76	48.4	0.09	0.05	8.59	8.64	0.05	2.18	2.23	—	8,714	8,714	0.84	0.71	0.13	8,947
Government (Civic Center)	0.23	0.22	0.13	1.03	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	264	264	0.02	0.02	< 0.005	269

Single Family Housing	44.1	42.1	22.8	175	0.40	0.22	42.4	42.6	0.20	10.7	11.0	—	40,508	40,508	2.76	2.58	0.62	41,347
Apartments Low Rise	8.11	7.75	4.19	32.3	0.07	0.04	7.80	7.84	0.04	1.98	2.01	—	7,450	7,450	0.51	0.48	0.11	7,605
User Defined Industrial	1.22	0.72	18.1	11.5	0.09	0.16	3.99	4.15	0.15	1.07	1.22	—	9,773	9,773	0.44	1.48	0.20	10,226
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	17.2	16.5	5.22	79.0	0.17	0.06	20.5	20.5	0.05	5.17	5.22	—	17,374	17,374	1.01	0.74	0.20	17,620
Strip Mall	26.9	25.7	13.9	108	0.24	0.13	26.2	26.3	0.12	6.63	6.76	—	24,980	24,980	1.69	1.59	0.38	25,495
General Office Building	5.31	5.05	2.90	23.1	0.06	0.03	6.18	6.21	0.03	1.57	1.60	—	5,810	5,810	0.35	0.34	0.09	5,920
Elementary School	2.56	2.48	1.06	7.00	0.01	0.01	0.72	0.72	0.01	0.18	0.19	—	843	843	0.14	0.10	0.01	877
Refrigerated Warehouse-No Rail	1.89	1.81	0.57	8.66	0.02	0.01	2.25	2.25	0.01	0.57	0.57	—	1,906	1,906	0.11	0.08	0.02	1,933
Total	141	135	81.4	581	1.34	0.76	142	142	0.71	35.9	36.6	—	136,885	136,885	8.98	8.94	2.00	139,776
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.24	3.11	1.02	15.5	0.03	0.01	3.85	3.86	0.01	0.97	0.98	—	3,047	3,047	0.18	0.13	0.59	3,090
City Park	1.39	1.34	0.65	4.73	0.01	< 0.005	0.81	0.81	< 0.005	0.21	0.21	—	764	764	0.07	0.06	0.18	784

Government (Civic Center)	0.04	0.04	0.02	0.19	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	44.1	44.1	< 0.005	< 0.005	0.01	44.9
Single Family Housing	7.76	7.41	4.06	32.1	0.07	0.04	7.44	7.48	0.04	1.89	1.92	—	6,615	6,615	0.45	0.42	1.67	6,753
Apartments Low Rise	1.31	1.25	0.68	5.40	0.01	0.01	1.25	1.26	0.01	0.32	0.32	—	1,114	1,114	0.08	0.07	0.28	1,138
User Defined Industrial	0.21	0.13	2.98	1.90	0.02	0.03	0.66	0.69	0.03	0.18	0.20	—	1,484	1,484	0.07	0.23	0.51	1,553
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.23	2.14	0.70	10.7	0.02	0.01	2.64	2.65	0.01	0.67	0.67	—	2,093	2,093	0.12	0.09	0.40	2,123
Strip Mall	4.43	4.23	2.32	18.4	0.04	0.02	4.29	4.31	0.02	1.09	1.11	—	3,811	3,811	0.26	0.24	0.96	3,890
General Office Building	0.72	0.68	0.40	3.25	0.01	< 0.005	0.84	0.84	< 0.005	0.21	0.22	—	730	730	0.04	0.04	0.19	744
Elementary School	0.33	0.32	0.14	0.93	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	100	100	0.02	0.01	0.02	104
Refrigerated Warehouse-No Rail	0.30	0.28	0.09	1.42	< 0.005	< 0.005	0.35	0.35	< 0.005	0.09	0.09	—	279	279	0.02	0.01	0.05	283
Total	22.0	20.9	13.1	94.4	0.22	0.12	22.3	22.4	0.12	5.65	5.76	—	20,080	20,080	1.29	1.31	4.87	20,508

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	19.7	18.9	5.34	96.3	0.21	0.06	22.7	22.8	0.06	5.73	5.79	—	20,757	20,757	1.03	0.78	8.72	21,024
City Park	15.3	14.7	6.33	49.2	0.09	0.05	8.59	8.64	0.05	2.18	2.22	—	9,217	9,217	0.77	0.69	4.84	9,446
Government (Civic Center)	0.24	0.23	0.12	1.13	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	281	281	0.01	0.01	0.16	286
Single Family Housing	45.7	43.8	21.3	188	0.42	0.22	42.4	42.6	0.20	10.7	11.0	—	43,019	43,019	2.56	2.50	23.9	43,853
Apartments Low Rise	8.40	8.05	3.91	34.5	0.08	0.04	7.80	7.84	0.04	1.98	2.01	—	7,912	7,912	0.47	0.46	4.39	8,066
User Defined Industrial	1.31	0.80	17.1	11.2	0.09	0.16	3.99	4.15	0.15	1.07	1.22	—	9,739	9,739	0.44	1.48	7.81	10,199
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	17.7	17.1	4.82	86.9	0.19	0.06	20.5	20.5	0.05	5.17	5.22	—	18,720	18,720	0.93	0.71	7.87	18,961
Strip Mall	27.9	26.7	13.0	115	0.26	0.13	26.2	26.3	0.12	6.63	6.76	—	26,530	26,530	1.57	1.54	14.7	27,042
General Office Building	5.50	5.24	2.71	25.2	0.06	0.03	6.18	6.21	0.03	1.57	1.60	—	6,177	6,177	0.32	0.33	3.48	6,287

Elementary School	2.65	2.58	0.99	6.66	0.01	0.01	0.72	0.72	0.01	0.18	0.19	—	883	883	0.12	0.10	0.40	916
Refrigerated Warehouse-No Rail	1.94	1.87	0.53	9.53	0.02	0.01	2.25	2.25	0.01	0.57	0.57	—	2,053	2,053	0.10	0.08	0.86	2,080
Total	146	140	76.1	624	1.42	0.76	142	142	0.71	35.9	36.6	—	145,289	145,289	8.34	8.67	77.1	148,159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	19.1	18.3	5.79	87.6	0.19	0.06	22.7	22.8	0.06	5.73	5.79	—	19,264	19,264	1.12	0.82	0.23	19,538
City Park	14.7	14.2	6.76	48.4	0.09	0.05	8.59	8.64	0.05	2.18	2.23	—	8,714	8,714	0.84	0.71	0.13	8,947
Government (Civic Center)	0.23	0.22	0.13	1.03	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	264	264	0.02	0.02	< 0.005	269
Single Family Housing	44.1	42.1	22.8	175	0.40	0.22	42.4	42.6	0.20	10.7	11.0	—	40,508	40,508	2.76	2.58	0.62	41,347
Apartments Low Rise	8.11	7.75	4.19	32.3	0.07	0.04	7.80	7.84	0.04	1.98	2.01	—	7,450	7,450	0.51	0.48	0.11	7,605
User Defined Industrial	1.22	0.72	18.1	11.5	0.09	0.16	3.99	4.15	0.15	1.07	1.22	—	9,773	9,773	0.44	1.48	0.20	10,226
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	17.2	16.5	5.22	79.0	0.17	0.06	20.5	20.5	0.05	5.17	5.22	—	17,374	17,374	1.01	0.74	0.20	17,620

Strip Mall	26.9	25.7	13.9	108	0.24	0.13	26.2	26.3	0.12	6.63	6.76	—	24,980	24,980	1.69	1.59	0.38	25,495
General Office Building	5.31	5.05	2.90	23.1	0.06	0.03	6.18	6.21	0.03	1.57	1.60	—	5,810	5,810	0.35	0.34	0.09	5,920
Elementary School	2.56	2.48	1.06	7.00	0.01	0.01	0.72	0.72	0.01	0.18	0.19	—	843	843	0.14	0.10	0.01	877
Refrigerated Warehouse-No Rail	1.89	1.81	0.57	8.66	0.02	0.01	2.25	2.25	0.01	0.57	0.57	—	1,906	1,906	0.11	0.08	0.02	1,933
Total	141	135	81.4	581	1.34	0.76	142	142	0.71	35.9	36.6	—	136,885	136,885	8.98	8.94	2.00	139,776
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	3.24	3.11	1.02	15.5	0.03	0.01	3.85	3.86	0.01	0.97	0.98	—	3,047	3,047	0.18	0.13	0.59	3,090
City Park	1.39	1.34	0.65	4.73	0.01	< 0.005	0.81	0.81	< 0.005	0.21	0.21	—	764	764	0.07	0.06	0.18	784
Government (Civic Center)	0.04	0.04	0.02	0.19	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	44.1	44.1	< 0.005	< 0.005	0.01	44.9
Single Family Housing	7.76	7.41	4.06	32.1	0.07	0.04	7.44	7.48	0.04	1.89	1.92	—	6,615	6,615	0.45	0.42	1.67	6,753
Apartments Low Rise	1.31	1.25	0.68	5.40	0.01	0.01	1.25	1.26	0.01	0.32	0.32	—	1,114	1,114	0.08	0.07	0.28	1,138
User Defined Industrial	0.21	0.13	2.98	1.90	0.02	0.03	0.66	0.69	0.03	0.18	0.20	—	1,484	1,484	0.07	0.23	0.51	1,553
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehouse-No	2.23	2.14	0.70	10.7	0.02	0.01	2.64	2.65	0.01	0.67	0.67	—	2,093	2,093	0.12	0.09	0.40	2,123
Strip Mall	4.43	4.23	2.32	18.4	0.04	0.02	4.29	4.31	0.02	1.09	1.11	—	3,811	3,811	0.26	0.24	0.96	3,890
General Office Building	0.72	0.68	0.40	3.25	0.01	< 0.005	0.84	0.84	< 0.005	0.21	0.22	—	730	730	0.04	0.04	0.19	744
Elementary School	0.33	0.32	0.14	0.93	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	100	100	0.02	0.01	0.02	104
Refrigerated Warehouse-No Rail	0.30	0.28	0.09	1.42	< 0.005	< 0.005	0.35	0.35	< 0.005	0.09	0.09	—	279	279	0.02	0.01	0.05	283
Total	22.0	20.9	13.1	94.4	0.22	0.12	22.3	22.4	0.12	5.65	5.76	—	20,080	20,080	1.29	1.31	4.87	20,508

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	15,434	15,434	1.95	0.24	—	15,554
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,647	2,647	0.33	0.04	—	2,667
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	233	233	0.03	< 0.005	—	235
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	56,816	56,816	7.19	0.87	—	57,255
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Governm (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	15,434	15,434	1.95	0.24	—	15,554
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,647	2,647	0.33	0.04	—	2,667
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	233	233	0.03	< 0.005	—	235
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	56,816	56,816	7.19	0.87	—	57,255
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395

City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	2,555	2,555	0.32	0.04	—	2,575
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	438	438	0.06	0.01	—	442
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	549	549	0.07	0.01	—	553
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	495	495	0.06	0.01	—	499
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	38.6	38.6	< 0.005	< 0.005	—	38.9
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	9,407	9,407	1.19	0.14	—	9,479

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	14,983	14,983	1.90	0.23	—	15,099
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,552	2,552	0.32	0.04	—	2,572
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014

Element School	—	—	—	—	—	—	—	—	—	—	—	—	233	233	0.03	< 0.005	—	235
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	56,270	56,270	7.12	0.86	—	56,706
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	14,983	14,983	1.90	0.23	—	15,099
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,552	2,552	0.32	0.04	—	2,572
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	233	233	0.03	< 0.005	—	235
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	56,270	56,270	7.12	0.86	—	56,706
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	2,481	2,481	0.31	0.04	—	2,500
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	422	422	0.05	0.01	—	426
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	549	549	0.07	0.01	—	553

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	495	495	0.06	0.01	—	499
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	38.6	38.6	< 0.005	< 0.005	—	38.9
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	9,316	9,316	1.18	0.14	—	9,388

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Governm (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Element School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	213	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	21.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipme	52.1	48.4	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Total	52.1	283	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	213	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	21.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	235	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	38.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	3.89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.51	6.05	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147
Total	6.51	48.9	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer	—	213	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	21.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	52.1	48.4	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Total	52.1	283	3.25	372	0.02	0.44	—	0.44	0.34	—	0.34	—	1,293	1,293	0.05	0.01	—	1,297
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	213	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	21.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	235	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	38.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	3.89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.51	6.05	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147
Total	6.51	48.9	0.41	46.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	147	147	0.01	< 0.005	—	147

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	316	316	0.04	< 0.005	—	318
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	180	2,448	2,629	18.8	0.48	—	3,240
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	42.2	120	162	4.34	0.10	—	302
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566

Element School	—	—	—	—	—	—	—	—	—	—	—	2.79	16.6	19.4	0.29	0.01	—	28.7
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	316	316	0.04	< 0.005	—	318
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	180	2,448	2,629	18.8	0.48	—	3,240
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	42.2	120	162	4.34	0.10	—	302
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301

General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	2.79	16.6	19.4	0.29	0.01	—	28.7
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,217	8,057	10,274	228	5.52	—	17,629
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	52.3	52.3	0.01	< 0.005	—	52.7
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	29.8	405	435	3.11	0.08	—	536
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	6.98	19.9	26.9	0.72	0.02	—	50.0
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	264	366	10.6	0.25	—	706
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.5	35.5	49.0	1.39	0.03	—	93.8
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.46	2.75	3.21	0.05	< 0.005	—	4.75
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	355
Total	—	—	—	—	—	—	—	—	—	—	—	367	1,334	1,701	37.8	0.91	—	2,919

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	316	316	0.04	< 0.005	—	318
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	164	2,406	2,569	17.1	0.44	—	3,126
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	38.3	110	148	3.94	0.09	—	275
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	2.79	16.6	19.4	0.29	0.01	—	28.7
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	316	316	0.04	< 0.005	—	318

Governm (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	164	2,406	2,569	17.1	0.44	—	3,126
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	38.3	110	148	3.94	0.09	—	275
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,593	2,213	63.8	1.54	—	4,266
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	2.79	16.6	19.4	0.29	0.01	—	28.7
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	806	1,116	31.9	0.77	—	2,142
Total	—	—	—	—	—	—	—	—	—	—	—	2,196	8,004	10,201	226	5.47	—	17,487
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063

City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	52.3	52.3	0.01	< 0.005	—	52.7
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	27.1	398	425	2.83	0.07	—	518
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	6.33	18.2	24.6	0.65	0.02	—	45.6
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	264	366	10.6	0.25	—	706
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.5	35.5	49.0	1.39	0.03	—	93.8
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.46	2.75	3.21	0.05	< 0.005	—	4.75
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	133	185	5.28	0.13	—	355
Total	—	—	—	—	—	—	—	—	—	—	—	364	1,325	1,689	37.5	0.91	—	2,895

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	2.52	0.00	2.52	0.25	0.00	—	8.81
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,141	0.00	1,141	114	0.00	—	3,993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.5	0.00	—	754
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594

General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	59.0	0.00	59.0	5.90	0.00	—	206
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	2.52	0.00	2.52	0.25	0.00	—	8.81
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,141	0.00	1,141	114	0.00	—	3,993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.5	0.00	—	754
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	59.0	0.00	59.0	5.90	0.00	—	206
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.46
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	189	0.00	189	18.9	0.00	—	661
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	35.7	0.00	35.7	3.57	0.00	—	125
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
General Office Building	—	—	—	—	—	—	—	—	—	—	—	19.9	0.00	19.9	1.99	0.00	—	69.7
Elementary School	—	—	—	—	—	—	—	—	—	—	—	9.77	0.00	9.77	0.98	0.00	—	34.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	700	0.00	700	69.9	0.00	—	2,448

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	2.52	0.00	2.52	0.25	0.00	—	8.81

Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,141	0.00	1,141	114	0.00	—	3,993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.5	0.00	—	754
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	59.0	0.00	59.0	5.90	0.00	—	206
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	2.52	0.00	2.52	0.25	0.00	—	8.81
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,141	0.00	1,141	114	0.00	—	3,993
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.5	0.00	—	754
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	59.0	0.00	59.0	5.90	0.00	—	206
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241

Total	—	—	—	—	—	—	—	—	—	—	—	4,226	0.00	4,226	422	0.00	—	14,787
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.46
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	189	0.00	189	18.9	0.00	—	661
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	35.7	0.00	35.7	3.57	0.00	—	125
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
General Office Building	—	—	—	—	—	—	—	—	—	—	—	19.9	0.00	19.9	1.99	0.00	—	69.7
Elementary School	—	—	—	—	—	—	—	—	—	—	—	9.77	0.00	9.77	0.98	0.00	—	34.2

Refrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	700	0.00	700	69.9	0.00	—	2,448

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.9	28.9
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34

Elementary	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.14	0.14
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.9	28.9
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.14	0.14

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.78	4.78
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.61	0.61
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	156

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.9	28.9
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.14	0.14
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.9	28.9
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.14	0.14
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	944	944
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

Governm (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.78	4.78
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.61	0.61
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	156

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.11	0.10	0.28	0.25	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	45.7	45.7	< 0.005	< 0.005	0.00	45.8
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.11	0.10	0.28	0.25	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	45.7	45.7	< 0.005	< 0.005	0.00	45.8
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	32,628	26,462	26,130	11,248,820
City Park	2,716	6,825	7,626	1,461,583	4,331	10,883	12,160	2,330,699
Government (Civic Center)	114	114	114	41,609	399	399	399	145,633
Single Family Housing	21,812	22,043	19,755	7,866,072	59,388	60,017	53,789	21,417,426
Apartments Low Rise	3,646	4,054	3,128	1,325,018	9,927	11,039	8,517	3,607,707

User Defined Industrial	1,323	958	937	443,694	4,631	3,352	3,278	1,552,929
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	29,426	782	311	7,728,754
Strip Mall	13,452	12,612	6,129	4,484,338	37,047	34,734	16,880	12,350,046
General Office Building	2,602	530	168	714,816	8,753	1,784	565	2,404,641
Elementary School	1,362	0.00	0.00	355,093	1,013	0.00	0.00	264,175
Refrigerated Warehouse-No Rail	960	545	522	305,797	3,227	1,831	1,754	1,028,389

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	32,628	26,462	26,130	11,248,820
City Park	2,716	6,825	7,626	1,461,583	4,331	10,883	12,160	2,330,699
Government (Civic Center)	114	114	114	41,609	399	399	399	145,633
Single Family Housing	21,812	22,043	19,755	7,866,072	59,388	60,017	53,789	21,417,426
Apartments Low Rise	3,646	4,054	3,128	1,325,018	9,927	11,039	8,517	3,607,707
User Defined Industrial	1,323	958	937	443,694	4,631	3,352	3,278	1,552,929
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	29,426	782	311	7,728,754
Strip Mall	13,452	12,612	6,129	4,484,338	37,047	34,734	16,880	12,350,046
General Office Building	2,602	530	168	714,816	8,753	1,784	565	2,404,641

Elementary School	1,362	0.00	0.00	355,093	1,013	0.00	0.00	264,175
Refrigerated Warehouse-No Rail	960	545	522	305,797	3,227	1,831	1,754	1,028,389

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
10294715.25	3,431,572	7,209,993	2,403,331	317,735

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	21,601,671	261	0.0330	0.0040	0.00
Apartments Low Rise	3,704,114	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	4,638,936	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
General Office Building	4,186,361	261	0.0330	0.0040	0.00
Elementary School	326,458	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	20,970,673	261	0.0330	0.0040	0.00
Apartments Low Rise	3,571,516	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	4,638,936	261	0.0330	0.0040	0.00

Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
General Office Building	4,186,361	261	0.0330	0.0040	0.00
Elementary School	326,458	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	83,341,422
Government (Civic Center)	3,277,885	512,488
Single Family Housing	94,078,442	525,018,208
Apartments Low Rise	22,004,512	3,450,913
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	4,839,559
Strip Mall	22,221,756	2,456,034
General Office Building	42,656,100	1,769,513
Elementary School	1,454,544	2,514,046
Refrigerated Warehouse-No Rail	161,875,000	4,839,559

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776

City Park	0.00	83,341,422
Government (Civic Center)	3,277,885	512,488
Single Family Housing	85,357,370	525,018,208
Apartments Low Rise	19,964,694	3,450,913
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	4,839,559
Strip Mall	22,221,756	2,456,034
General Office Building	42,656,100	1,769,513
Elementary School	1,454,544	2,514,046
Refrigerated Warehouse-No Rail	161,875,000	4,839,559

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	4.67	—
Government (Civic Center)	94.0	—
Single Family Housing	2,118	—
Apartments Low Rise	400	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
General Office Building	223	—
Elementary School	110	—

Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	4.67	—
Government (Civic Center)	94.0	—
Single Family Housing	2,118	—
Apartments Low Rise	400	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
General Office Building	223	—
Elementary School	110	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4

Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973

Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7

Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0

Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.

Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

15218 Mesa Verde Ph5 Ops HCCS LST Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15218 Mesa Verde Ph5 Ops HCCS LST
Operational Year	2045
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.996623456155106, -117.07438392497613
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5624
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	2,100	1000sqft	48.2	2,100,000	756,811	—	—	—

City Park	66.5	Acre	66.5	0.00	2,896,740	2,896,740	—	—
Government (Civic Center)	16.5	1000sqft	0.38	16,500	32,322	—	—	Fire Station/Public Works
Single Family Housing	2,860	Dwelling Unit	929	5,577,000	33,498,771	—	9,238	—
Apartments Low Rise	790	Dwelling Unit	49.4	837,400	259,792	—	2,552	—
User Defined Industrial	4,200	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	122	Acre	122	0.00	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	1,400	1000sqft	32.1	1,400,000	610,450	—	—	—
Strip Mall	300	1000sqft	6.89	300,000	154,899	—	—	—
General Office Building	240	1000sqft	5.51	240,000	111,601	—	—	—
Elementary School	1,200	Student	2.30	100,324	134,165	134,165	—	—
Refrigerated Warehouse-No Rail	700	1000sqft	16.1	700,000	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	212	468	103	1,090	1.56	1.99	153	155	1.83	38.9	40.7	6,937	229,730	236,667	717	16.0	991	260,362
Mit.	212	468	103	1,090	1.56	1.99	153	155	1.83	38.9	40.7	6,911	228,968	235,878	714	16.0	991	259,480
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	151	411	105	627	1.45	1.53	153	155	1.48	38.9	40.4	6,937	219,374	226,311	717	16.3	954	250,065
Mit.	151	411	105	627	1.45	1.53	153	155	1.48	38.9	40.4	6,911	218,611	225,522	715	16.2	954	249,184
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	163	422	81.6	834	1.28	1.09	132	133	0.97	33.6	34.5	6,937	201,347	208,284	716	15.2	968	231,679
Mit.	163	422	81.6	834	1.28	1.09	132	133	0.97	33.6	34.5	6,911	200,585	207,495	713	15.1	968	230,797
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	1%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	29.7	76.9	14.9	152	0.23	0.20	24.2	24.4	0.18	6.13	6.30	1,149	33,335	34,484	119	2.51	160	38,357
Mit.	29.7	76.9	14.9	152	0.23	0.20	24.2	24.4	0.18	6.13	6.30	1,144	33,209	34,353	118	2.50	160	38,211
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	1%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	150	143	81.9	657	1.51	0.75	153	154	0.71	38.9	39.6	—	154,927	154,927	8.47	9.37	38.2	157,969
Area	56.6	320	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,917	61,917	7.83	0.95	—	62,396
Water	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	212	468	103	1,090	1.56	1.99	153	155	1.83	38.9	40.7	6,937	229,730	236,667	717	16.0	991	260,362
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	145	139	87.8	613	1.43	0.75	153	154	0.71	38.9	39.6	—	145,993	145,993	9.13	9.66	0.99	149,100
Area	—	267	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,917	61,917	7.83	0.95	—	62,396
Water	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	151	411	105	627	1.45	1.53	153	155	1.48	38.9	40.4	6,937	219,374	226,311	717	16.3	954	250,065
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	123	118	76.8	545	1.26	0.67	132	133	0.63	33.6	34.2	—	129,311	129,311	7.93	8.52	14.6	132,062
Area	38.8	303	2.53	287	0.01	0.32	—	0.32	0.24	—	0.24	—	974	974	0.04	0.01	—	978
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,917	61,917	7.83	0.95	—	62,396
Water	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633

Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	0.79	0.72	2.31	1.83	< 0.005	0.11	0.00	0.11	0.11	0.00	0.11	0.00	368	368	0.01	< 0.005	0.00	369
Total	163	422	81.6	834	1.28	1.09	132	133	0.97	33.6	34.5	6,937	201,347	208,284	716	15.2	968	231,679
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	22.5	21.5	14.0	99.5	0.23	0.12	24.2	24.3	0.11	6.13	6.24	—	21,409	21,409	1.31	1.41	2.42	21,864
Area	7.08	55.3	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,251	10,251	1.30	0.16	—	10,330
Water	—	—	—	—	—	—	—	—	—	—	—	378	1,453	1,831	38.9	0.94	—	3,085
Waste	—	—	—	—	—	—	—	—	—	—	—	771	0.00	771	77.0	0.00	—	2,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	158	158
Stationary	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1
Total	29.7	76.9	14.9	152	0.23	0.20	24.2	24.4	0.18	6.13	6.30	1,149	33,335	34,484	119	2.51	160	38,357

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	150	143	81.9	657	1.51	0.75	153	154	0.71	38.9	39.6	—	154,927	154,927	8.47	9.37	38.2	157,969
Area	56.6	320	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,222	61,222	7.75	0.94	—	61,695
Water	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953

Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	212	468	103	1,090	1.56	1.99	153	155	1.83	38.9	40.7	6,911	228,968	235,878	714	16.0	991	259,480
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	145	139	87.8	613	1.43	0.75	153	154	0.71	38.9	39.6	—	145,993	145,993	9.13	9.66	0.99	149,100
Area	—	267	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,222	61,222	7.75	0.94	—	61,695
Water	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Total	151	411	105	627	1.45	1.53	153	155	1.48	38.9	40.4	6,911	218,611	225,522	715	16.2	954	249,184
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	123	118	76.8	545	1.26	0.67	132	133	0.63	33.6	34.2	—	129,311	129,311	7.93	8.52	14.6	132,062
Area	38.8	303	2.53	287	0.01	0.32	—	0.32	0.24	—	0.24	—	974	974	0.04	0.01	—	978
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	61,222	61,222	7.75	0.94	—	61,695
Water	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Waste	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Stationary	0.79	0.72	2.31	1.83	< 0.005	0.11	0.00	0.11	0.11	0.00	0.11	0.00	368	368	0.01	< 0.005	0.00	369
Total	163	422	81.6	834	1.28	1.09	132	133	0.97	33.6	34.5	6,911	200,585	207,495	713	15.1	968	230,797
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	22.5	21.5	14.0	99.5	0.23	0.12	24.2	24.3	0.11	6.13	6.24	—	21,409	21,409	1.31	1.41	2.42	21,864
Area	7.08	55.3	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,136	10,136	1.28	0.16	—	10,214

Water	—	—	—	—	—	—	—	—	—	—	—	373	1,442	1,816	38.5	0.93	—	3,055
Waste	—	—	—	—	—	—	—	—	—	—	—	771	0.00	771	77.0	0.00	—	2,697
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	158	158
Stationary	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1
Total	29.7	76.9	14.9	152	0.23	0.20	24.2	24.4	0.18	6.13	6.30	1,144	33,209	34,353	118	2.50	160	38,211

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	18.1	17.4	4.95	91.4	0.20	0.05	22.5	22.6	0.05	5.69	5.74	—	20,303	20,303	0.94	0.75	3.68	20,555
City Park	16.6	16.1	7.45	57.2	0.11	0.05	10.5	10.6	0.05	2.67	2.72	—	11,028	11,028	0.85	0.81	2.72	11,295
Government (Civic Center)	0.22	0.21	0.11	1.08	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	274	274	0.01	0.01	0.07	279
Single Family Housing	50.2	48.1	24.7	216	0.49	0.23	50.7	50.9	0.22	12.9	13.1	—	50,380	50,380	2.80	2.94	13.1	51,338
Apartments Low Rise	10.9	10.5	5.38	47.0	0.11	0.05	11.0	11.1	0.05	2.79	2.84	—	10,947	10,947	0.61	0.64	2.84	11,156

User Defined Industrial	1.28	0.79	17.3	11.3	0.09	0.16	3.98	4.14	0.15	1.06	1.21	—	9,601	9,601	0.43	1.48	3.71	10,056
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	16.3	15.7	4.47	82.4	0.18	0.05	20.3	20.4	0.04	5.13	5.18	—	18,310	18,310	0.85	0.68	3.32	18,538
Strip Mall	24.7	23.7	12.1	105	0.24	0.11	24.2	24.3	0.10	6.13	6.24	—	24,113	24,113	1.37	1.43	6.25	24,579
General Office Building	4.90	4.68	2.56	24.0	0.06	0.03	6.18	6.21	0.03	1.57	1.59	—	6,028	6,028	0.29	0.32	1.60	6,131
Elementary School	4.72	4.59	1.93	12.6	0.02	0.01	1.44	1.45	0.01	0.36	0.37	—	1,735	1,735	0.22	0.19	0.37	1,798
Refrigerated Warehouse-No Rail	1.81	1.72	0.94	8.79	0.02	0.01	2.26	2.27	0.01	0.57	0.58	—	2,208	2,208	0.11	0.12	0.58	2,246
Total	150	143	81.9	657	1.51	0.75	153	154	0.71	38.9	39.6	—	154,927	154,927	8.47	9.37	38.2	157,969
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	17.6	16.9	5.36	82.9	0.19	0.05	22.5	22.6	0.05	5.69	5.74	—	18,843	18,843	1.02	0.79	0.10	19,106
City Park	16.1	15.6	7.97	56.1	0.10	0.05	10.5	10.6	0.05	2.67	2.72	—	10,424	10,424	0.93	0.84	0.07	10,697
Government (Civic Center)	0.21	0.20	0.12	0.98	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	258	258	0.01	0.01	< 0.005	262

Single Family Housing	48.7	46.6	26.5	202	0.46	0.23	50.7	50.9	0.22	12.9	13.1	—	47,428	47,428	3.02	3.03	0.34	48,407
Apartments Low Rise	10.6	10.1	5.76	43.9	0.10	0.05	11.0	11.1	0.05	2.79	2.84	—	10,306	10,306	0.66	0.66	0.07	10,519
User Defined Industrial	1.19	0.70	18.4	11.6	0.09	0.16	3.98	4.14	0.15	1.06	1.21	—	9,638	9,638	0.43	1.48	0.10	10,091
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	15.8	15.2	4.84	74.7	0.17	0.05	20.3	20.4	0.04	5.13	5.18	—	16,994	16,994	0.92	0.72	0.09	17,231
Strip Mall	24.0	22.9	13.0	98.1	0.22	0.11	24.2	24.3	0.10	6.13	6.24	—	22,706	22,706	1.48	1.47	0.16	23,181
General Office Building	4.75	4.52	2.75	21.8	0.06	0.03	6.18	6.21	0.03	1.57	1.59	—	5,666	5,666	0.31	0.33	0.04	5,772
Elementary School	4.58	4.44	2.06	13.2	0.02	0.01	1.44	1.45	0.01	0.36	0.37	—	1,655	1,655	0.25	0.20	0.01	1,720
Refrigerated Warehouse-No Rail	1.75	1.67	1.01	8.02	0.02	0.01	2.26	2.27	0.01	0.57	0.58	—	2,075	2,075	0.11	0.12	0.02	2,114
Total	145	139	87.8	613	1.43	0.75	153	154	0.71	38.9	39.6	—	145,993	145,993	9.13	9.66	0.99	149,100
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	2.98	2.87	0.94	14.7	0.03	0.01	3.82	3.83	0.01	0.96	0.97	—	2,980	2,980	0.16	0.13	0.25	3,022
City Park	1.52	1.47	0.76	5.48	0.01	0.01	0.99	1.00	< 0.005	0.25	0.26	—	914	914	0.08	0.07	0.10	938

Government (Civic Center)	0.04	0.04	0.02	0.18	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	43.0	43.0	< 0.005	< 0.005	0.01	43.8
Single Family Housing	8.57	8.19	4.72	36.9	0.08	0.04	8.90	8.94	0.04	2.26	2.29	—	7,745	7,745	0.49	0.49	0.92	7,905
Apartments Low Rise	1.71	1.63	0.94	7.35	0.02	0.01	1.77	1.78	0.01	0.45	0.46	—	1,541	1,541	0.10	0.10	0.18	1,573
User Defined Industrial	0.21	0.13	3.02	1.92	0.01	0.03	0.66	0.68	0.02	0.18	0.20	—	1,463	1,463	0.07	0.23	0.24	1,532
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.05	1.97	0.65	10.1	0.02	0.01	2.63	2.63	0.01	0.66	0.67	—	2,047	2,047	0.11	0.09	0.17	2,076
Strip Mall	3.94	3.77	2.15	16.7	0.04	0.02	3.97	3.99	0.02	1.01	1.02	—	3,464	3,464	0.22	0.22	0.41	3,536
General Office Building	0.64	0.61	0.38	3.08	0.01	< 0.005	0.83	0.84	< 0.005	0.21	0.22	—	712	712	0.04	0.04	0.09	726
Elementary School	0.59	0.57	0.27	1.75	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.05	—	197	197	0.03	0.02	0.02	205
Refrigerated Warehouse-No Rail	0.28	0.26	0.16	1.31	< 0.005	< 0.005	0.35	0.36	< 0.005	0.09	0.09	—	303	303	0.02	0.02	0.04	308
Total	22.5	21.5	14.0	99.5	0.23	0.12	24.2	24.3	0.11	6.13	6.24	—	21,409	21,409	1.31	1.41	2.42	21,864

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	18.1	17.4	4.95	91.4	0.20	0.05	22.5	22.6	0.05	5.69	5.74	—	20,303	20,303	0.94	0.75	3.68	20,555
City Park	16.6	16.1	7.45	57.2	0.11	0.05	10.5	10.6	0.05	2.67	2.72	—	11,028	11,028	0.85	0.81	2.72	11,295
Government (Civic Center)	0.22	0.21	0.11	1.08	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	274	274	0.01	0.01	0.07	279
Single Family Housing	50.2	48.1	24.7	216	0.49	0.23	50.7	50.9	0.22	12.9	13.1	—	50,380	50,380	2.80	2.94	13.1	51,338
Apartments Low Rise	10.9	10.5	5.38	47.0	0.11	0.05	11.0	11.1	0.05	2.79	2.84	—	10,947	10,947	0.61	0.64	2.84	11,156
User Defined Industrial	1.28	0.79	17.3	11.3	0.09	0.16	3.98	4.14	0.15	1.06	1.21	—	9,601	9,601	0.43	1.48	3.71	10,056
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	16.3	15.7	4.47	82.4	0.18	0.05	20.3	20.4	0.04	5.13	5.18	—	18,310	18,310	0.85	0.68	3.32	18,538
Strip Mall	24.7	23.7	12.1	105	0.24	0.11	24.2	24.3	0.10	6.13	6.24	—	24,113	24,113	1.37	1.43	6.25	24,579
General Office Building	4.90	4.68	2.56	24.0	0.06	0.03	6.18	6.21	0.03	1.57	1.59	—	6,028	6,028	0.29	0.32	1.60	6,131

Elementary School	4.72	4.59	1.93	12.6	0.02	0.01	1.44	1.45	0.01	0.36	0.37	—	1,735	1,735	0.22	0.19	0.37	1,798
Refrigerated Warehouse-No Rail	1.81	1.72	0.94	8.79	0.02	0.01	2.26	2.27	0.01	0.57	0.58	—	2,208	2,208	0.11	0.12	0.58	2,246
Total	150	143	81.9	657	1.51	0.75	153	154	0.71	38.9	39.6	—	154,927	154,927	8.47	9.37	38.2	157,969
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	17.6	16.9	5.36	82.9	0.19	0.05	22.5	22.6	0.05	5.69	5.74	—	18,843	18,843	1.02	0.79	0.10	19,106
City Park	16.1	15.6	7.97	56.1	0.10	0.05	10.5	10.6	0.05	2.67	2.72	—	10,424	10,424	0.93	0.84	0.07	10,697
Government (Civic Center)	0.21	0.20	0.12	0.98	< 0.005	< 0.005	0.28	0.28	< 0.005	0.07	0.07	—	258	258	0.01	0.01	< 0.005	262
Single Family Housing	48.7	46.6	26.5	202	0.46	0.23	50.7	50.9	0.22	12.9	13.1	—	47,428	47,428	3.02	3.03	0.34	48,407
Apartments Low Rise	10.6	10.1	5.76	43.9	0.10	0.05	11.0	11.1	0.05	2.79	2.84	—	10,306	10,306	0.66	0.66	0.07	10,519
User Defined Industrial	1.19	0.70	18.4	11.6	0.09	0.16	3.98	4.14	0.15	1.06	1.21	—	9,638	9,638	0.43	1.48	0.10	10,091
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	15.8	15.2	4.84	74.7	0.17	0.05	20.3	20.4	0.04	5.13	5.18	—	16,994	16,994	0.92	0.72	0.09	17,231

Strip Mall	24.0	22.9	13.0	98.1	0.22	0.11	24.2	24.3	0.10	6.13	6.24	—	22,706	22,706	1.48	1.47	0.16	23,181
General Office Building	4.75	4.52	2.75	21.8	0.06	0.03	6.18	6.21	0.03	1.57	1.59	—	5,666	5,666	0.31	0.33	0.04	5,772
Elementary School	4.58	4.44	2.06	13.2	0.02	0.01	1.44	1.45	0.01	0.36	0.37	—	1,655	1,655	0.25	0.20	0.01	1,720
Refrigerated Warehouse-No Rail	1.75	1.67	1.01	8.02	0.02	0.01	2.26	2.27	0.01	0.57	0.58	—	2,075	2,075	0.11	0.12	0.02	2,114
Total	145	139	87.8	613	1.43	0.75	153	154	0.71	38.9	39.6	—	145,993	145,993	9.13	9.66	0.99	149,100
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	2.98	2.87	0.94	14.7	0.03	0.01	3.82	3.83	0.01	0.96	0.97	—	2,980	2,980	0.16	0.13	0.25	3,022
City Park	1.52	1.47	0.76	5.48	0.01	0.01	0.99	1.00	< 0.005	0.25	0.26	—	914	914	0.08	0.07	0.10	938
Government (Civic Center)	0.04	0.04	0.02	0.18	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	43.0	43.0	< 0.005	< 0.005	0.01	43.8
Single Family Housing	8.57	8.19	4.72	36.9	0.08	0.04	8.90	8.94	0.04	2.26	2.29	—	7,745	7,745	0.49	0.49	0.92	7,905
Apartments Low Rise	1.71	1.63	0.94	7.35	0.02	0.01	1.77	1.78	0.01	0.45	0.46	—	1,541	1,541	0.10	0.10	0.18	1,573
User Defined Industrial	0.21	0.13	3.02	1.92	0.01	0.03	0.66	0.68	0.02	0.18	0.20	—	1,463	1,463	0.07	0.23	0.24	1,532
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehouse-No	2.05	1.97	0.65	10.1	0.02	0.01	2.63	2.63	0.01	0.66	0.67	—	2,047	2,047	0.11	0.09	0.17	2,076
Strip Mall	3.94	3.77	2.15	16.7	0.04	0.02	3.97	3.99	0.02	1.01	1.02	—	3,464	3,464	0.22	0.22	0.41	3,536
General Office Building	0.64	0.61	0.38	3.08	0.01	< 0.005	0.83	0.84	< 0.005	0.21	0.22	—	712	712	0.04	0.04	0.09	726
Elementary School	0.59	0.57	0.27	1.75	< 0.005	< 0.005	0.18	0.19	< 0.005	0.05	0.05	—	197	197	0.03	0.02	0.02	205
Refrigerated Warehouse-No Rail	0.28	0.26	0.16	1.31	< 0.005	< 0.005	0.35	0.36	< 0.005	0.09	0.09	—	303	303	0.02	0.02	0.04	308
Total	22.5	21.5	14.0	99.5	0.23	0.12	24.2	24.3	0.11	6.13	6.24	—	21,409	21,409	1.31	1.41	2.42	21,864

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	19,084	19,084	2.41	0.29	—	19,232
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	3,865	3,865	0.49	0.06	—	3,895
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	467	467	0.06	0.01	—	470
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	61,917	61,917	7.83	0.95	—	62,396
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Governm (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	19,084	19,084	2.41	0.29	—	19,232
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	3,865	3,865	0.49	0.06	—	3,895
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	467	467	0.06	0.01	—	470
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	61,917	61,917	7.83	0.95	—	62,396
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395

City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	3,160	3,160	0.40	0.05	—	3,184
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	640	640	0.08	0.01	—	645
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	549	549	0.07	0.01	—	553
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	495	495	0.06	0.01	—	499
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	77.2	77.2	0.01	< 0.005	—	77.8
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,251	10,251	1.30	0.16	—	10,330

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	18,527	18,527	2.34	0.28	—	18,670
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	3,726	3,726	0.47	0.06	—	3,755
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014

Element School	—	—	—	—	—	—	—	—	—	—	—	—	467	467	0.06	0.01	—	470
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	61,222	61,222	7.75	0.94	—	61,695
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	14,358	14,358	1.82	0.22	—	14,469
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	206	206	0.03	< 0.005	—	207
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	18,527	18,527	2.34	0.28	—	18,670
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	3,726	3,726	0.47	0.06	—	3,755
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3,314	3,314	0.42	0.05	—	3,340
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	4,604	4,604	0.58	0.07	—	4,639
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	2,092	2,092	0.26	0.03	—	2,108

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	2,991	2,991	0.38	0.05	—	3,014
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	467	467	0.06	0.01	—	470
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	10,938	10,938	1.38	0.17	—	11,022
Total	—	—	—	—	—	—	—	—	—	—	—	—	61,222	61,222	7.75	0.94	—	61,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,377	2,377	0.30	0.04	—	2,395
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	34.0	34.0	< 0.005	< 0.005	—	34.3
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	3,067	3,067	0.39	0.05	—	3,091
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	617	617	0.08	0.01	—	622
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	549	549	0.07	0.01	—	553

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	762	762	0.10	0.01	—	768
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	346	346	0.04	0.01	—	349
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	495	495	0.06	0.01	—	499
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	77.2	77.2	0.01	< 0.005	—	77.8
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,811	1,811	0.23	0.03	—	1,825
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,136	10,136	1.28	0.16	—	10,214

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Governm (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Element School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Government (Civic Center)	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	23.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipme	56.6	52.7	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Total	56.6	320	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	23.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	267	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	44.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	4.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	7.08	6.59	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162
Total	7.08	55.3	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer	—	243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	23.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	56.6	52.7	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Total	56.6	320	3.69	419	0.02	0.47	—	0.47	0.35	—	0.35	—	1,422	1,422	0.06	0.01	—	1,427
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	23.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	267	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	44.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	4.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	7.08	6.59	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162
Total	7.08	55.3	0.46	52.4	< 0.005	0.06	—	0.06	0.04	—	0.04	—	161	161	0.01	< 0.005	—	162

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	387	387	0.05	0.01	—	390
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	223	3,027	3,250	23.2	0.59	—	4,007
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	61.6	175	237	6.34	0.15	—	441
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,611	2,232	63.8	1.54	—	4,285
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566

Element School	—	—	—	—	—	—	—	—	—	—	—	5.57	32.1	37.6	0.58	0.01	—	56.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	787	1,098	31.9	0.77	—	2,124
Total	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	387	387	0.05	0.01	—	390
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	223	3,027	3,250	23.2	0.59	—	4,007
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	61.6	175	237	6.34	0.15	—	441
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,611	2,232	63.8	1.54	—	4,285
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301

General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	5.57	32.1	37.6	0.58	0.01	—	56.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	787	1,098	31.9	0.77	—	2,124
Total	—	—	—	—	—	—	—	—	—	—	—	2,282	8,777	11,059	235	5.69	—	18,633
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	64.1	64.1	0.01	< 0.005	—	64.6
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	36.9	501	538	3.85	0.10	—	663
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	10.2	29.0	39.2	1.05	0.03	—	73.0
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	267	369	10.6	0.25	—	709
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.5	35.5	49.0	1.39	0.03	—	93.8
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.92	5.31	6.23	0.10	< 0.005	—	9.31
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	130	182	5.28	0.13	—	352
Total	—	—	—	—	—	—	—	—	—	—	—	378	1,453	1,831	38.9	0.94	—	3,085

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	387	387	0.05	0.01	—	390
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	202	2,975	3,177	21.1	0.54	—	3,865
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	55.9	161	217	5.75	0.14	—	402
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,611	2,232	63.8	1.54	—	4,285
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	5.57	32.1	37.6	0.58	0.01	—	56.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	787	1,098	31.9	0.77	—	2,124
Total	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	931	2,407	3,338	95.7	2.30	—	6,418
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	387	387	0.05	0.01	—	390

Governm (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	6.28	17.9	24.2	0.65	0.02	—	45.0
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	202	2,975	3,177	21.1	0.54	—	3,865
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	55.9	161	217	5.75	0.14	—	402
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	620	1,611	2,232	63.8	1.54	—	4,285
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	42.6	117	160	4.38	0.11	—	301
General Office Building	—	—	—	—	—	—	—	—	—	—	—	81.7	214	296	8.41	0.20	—	566
Elementary School	—	—	—	—	—	—	—	—	—	—	—	5.57	32.1	37.6	0.58	0.01	—	56.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	310	787	1,098	31.9	0.77	—	2,124
Total	—	—	—	—	—	—	—	—	—	—	—	2,255	8,710	10,966	232	5.63	—	18,452
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	154	399	553	15.8	0.38	—	1,063

City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	64.1	64.1	0.01	< 0.005	—	64.6
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	1.04	2.96	4.00	0.11	< 0.005	—	7.44
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	33.5	493	526	3.50	0.09	—	640
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	9.25	26.6	35.9	0.95	0.02	—	66.5
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	103	267	369	10.6	0.25	—	709
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	7.05	19.4	26.5	0.73	0.02	—	49.8
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.5	35.5	49.0	1.39	0.03	—	93.8
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.92	5.31	6.23	0.10	< 0.005	—	9.31
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	51.4	130	182	5.28	0.13	—	352
Total	—	—	—	—	—	—	—	—	—	—	—	373	1,442	1,816	38.5	0.93	—	3,055

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	3.08	0.00	3.08	0.31	0.00	—	10.8
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,411	0.00	1,411	141	0.00	—	4,938
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	315	0.00	315	31.5	0.00	—	1,102
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594

General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	118	0.00	118	11.8	0.00	—	413
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	3.08	0.00	3.08	0.31	0.00	—	10.8
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,411	0.00	1,411	141	0.00	—	4,938
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	315	0.00	315	31.5	0.00	—	1,102
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	118	0.00	118	11.8	0.00	—	413
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.79
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	234	0.00	234	23.4	0.00	—	817
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	—	182
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
General Office Building	—	—	—	—	—	—	—	—	—	—	—	19.9	0.00	19.9	1.99	0.00	—	69.7
Elementary School	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.4
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	771	0.00	771	77.0	0.00	—	2,697

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	3.08	0.00	3.08	0.31	0.00	—	10.8

Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,411	0.00	1,411	141	0.00	—	4,938
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	315	0.00	315	31.5	0.00	—	1,102
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	118	0.00	118	11.8	0.00	—	413
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241
Total	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,403	0.00	1,403	140	0.00	—	4,910
City Park	—	—	—	—	—	—	—	—	—	—	—	3.08	0.00	3.08	0.31	0.00	—	10.8
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	50.7	0.00	50.7	5.07	0.00	—	177
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1,411	0.00	1,411	141	0.00	—	4,938
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	315	0.00	315	31.5	0.00	—	1,102
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	709	0.00	709	70.9	0.00	—	2,481
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	170	0.00	170	17.0	0.00	—	594
General Office Building	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	421
Elementary School	—	—	—	—	—	—	—	—	—	—	—	118	0.00	118	11.8	0.00	—	413
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	355	0.00	355	35.4	0.00	—	1,241

Total	—	—	—	—	—	—	—	—	—	—	—	4,655	0.00	4,655	465	0.00	—	16,287
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	232	0.00	232	23.2	0.00	—	813
City Park	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.79
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	8.39	0.00	8.39	0.84	0.00	—	29.4
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	234	0.00	234	23.4	0.00	—	817
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	—	182
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	117	0.00	117	11.7	0.00	—	411
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	28.1	0.00	28.1	2.81	0.00	—	98.3
General Office Building	—	—	—	—	—	—	—	—	—	—	—	19.9	0.00	19.9	1.99	0.00	—	69.7
Elementary School	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.4

Refrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	58.7	0.00	58.7	5.87	0.00	—	205
Total	—	—	—	—	—	—	—	—	—	—	—	771	0.00	771	77.0	0.00	—	2,697

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.7	35.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.36	5.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34

Elementary	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.7	35.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.36	5.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.91	5.91
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.89	0.89
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	158	158

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.7	35.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.36	5.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	196
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.7	35.7
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.36	5.36
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.57	1.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	713	713
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	953	953
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5	32.5
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

Governm (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.91	5.91
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.89	0.89
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.26	0.26
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	118
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	158	158

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.11	0.10	0.28	0.25	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	45.7	45.7	< 0.005	< 0.005	0.00	45.8
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	4.33	3.94	11.0	10.0	0.02	0.58	0.00	0.58	0.58	0.00	0.58	0.00	2,015	2,015	0.08	0.02	0.00	2,022
Emergency Generator	1.44	1.31	5.87	3.35	0.01	0.19	0.00	0.19	0.19	0.00	0.19	0.00	672	672	0.03	0.01	0.00	674
Total	5.77	5.25	16.9	13.4	0.03	0.77	0.00	0.77	0.77	0.00	0.77	0.00	2,686	2,686	0.11	0.02	0.00	2,695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.11	0.10	0.28	0.25	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	45.7	45.7	< 0.005	< 0.005	0.00	45.8
Emergency Generator	0.04	0.03	0.15	0.08	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	0.00	15.3
Total	0.14	0.13	0.42	0.33	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	60.9	60.9	< 0.005	< 0.005	0.00	61.1

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipme Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	32,393	26,272	25,943	11,168,074
City Park	3,326	8,358	9,338	1,789,858	5,304	13,327	14,891	2,854,179
Government (Civic Center)	114	114	114	41,609	399	399	399	145,633
Single Family Housing	26,970	27,256	24,427	9,726,315	71,057	71,811	64,359	25,625,921
Apartments Low Rise	5,326	5,923	4,569	1,935,694	14,033	15,604	12,039	5,099,972

User Defined Industrial	1,323	958	937	443,694	4,631	3,352	3,278	1,552,929
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	29,215	776	309	7,673,275
Strip Mall	13,452	12,612	6,129	4,484,338	34,271	32,131	15,615	11,424,568
General Office Building	2,602	530	168	714,816	8,753	1,784	565	2,404,641
Elementary School	2,724	0.00	0.00	710,186	2,034	0.00	0.00	530,281
Refrigerated Warehouse-No Rail	960	545	522	305,797	3,204	1,818	1,741	1,021,007

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Light Industry	9,702	7,869	7,770	3,344,897	32,393	26,272	25,943	11,168,074
City Park	3,326	8,358	9,338	1,789,858	5,304	13,327	14,891	2,854,179
Government (Civic Center)	114	114	114	41,609	399	399	399	145,633
Single Family Housing	26,970	27,256	24,427	9,726,315	71,057	71,811	64,359	25,625,921
Apartments Low Rise	5,326	5,923	4,569	1,935,694	14,033	15,604	12,039	5,099,972
User Defined Industrial	1,323	958	937	443,694	4,631	3,352	3,278	1,552,929
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	8,750	232	92.4	2,298,186	29,215	776	309	7,673,275
Strip Mall	13,452	12,612	6,129	4,484,338	34,271	32,131	15,615	11,424,568
General Office Building	2,602	530	168	714,816	8,753	1,784	565	2,404,641

Elementary School	2,724	0.00	0.00	710,186	2,034	0.00	0.00	530,281
Refrigerated Warehouse-No Rail	960	545	522	305,797	3,204	1,818	1,741	1,021,007

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
12989160	4,329,720	7,285,236	2,428,412	317,735

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	26,710,237	261	0.0330	0.0040	0.00
Apartments Low Rise	5,408,965	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	4,638,936	261	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
General Office Building	4,186,361	261	0.0330	0.0040	0.00
Elementary School	652,916	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	20,095,049	261	0.0330	0.0040	0.00
City Park	0.00	261	0.0330	0.0040	0.00
Government (Civic Center)	287,812	261	0.0330	0.0040	0.00
Single Family Housing	25,930,015	261	0.0330	0.0040	0.00
Apartments Low Rise	5,215,338	261	0.0330	0.0040	0.00
User Defined Industrial	0.00	261	0.0330	0.0040	0.00
Parking Lot	4,638,936	261	0.0330	0.0040	0.00

Unrefrigerated Warehouse-No Rail	6,443,292	261	0.0330	0.0040	0.00
Strip Mall	2,927,518	261	0.0330	0.0040	0.00
General Office Building	4,186,361	261	0.0330	0.0040	0.00
Elementary School	652,916	261	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	15,308,685	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776
City Park	0.00	102,066,382
Government (Civic Center)	3,277,885	512,488
Single Family Housing	116,326,997	649,179,458
Apartments Low Rise	32,132,282	5,034,562
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	9,679,119
Strip Mall	22,221,756	2,456,034
General Office Building	42,656,100	1,769,513
Elementary School	2,909,088	4,727,292
Refrigerated Warehouse-No Rail	161,875,000	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	485,625,000	11,999,776

City Park	0.00	102,066,382
Government (Civic Center)	3,277,885	512,488
Single Family Housing	105,543,484	649,179,458
Apartments Low Rise	29,153,620	5,034,562
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Unrefrigerated Warehouse-No Rail	323,750,000	9,679,119
Strip Mall	22,221,756	2,456,034
General Office Building	42,656,100	1,769,513
Elementary School	2,909,088	4,727,292
Refrigerated Warehouse-No Rail	161,875,000	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	5.72	—
Government (Civic Center)	94.0	—
Single Family Housing	2,619	—
Apartments Low Rise	584	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
General Office Building	223	—
Elementary School	219	—

Refrigerated Warehouse-No Rail	658	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,604	—
City Park	5.72	—
Government (Civic Center)	94.0	—
Single Family Housing	2,619	—
Apartments Low Rise	584	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Unrefrigerated Warehouse-No Rail	1,316	—
Strip Mall	315	—
General Office Building	223	—
Elementary School	219	—
Refrigerated Warehouse-No Rail	658	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0
City Park	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Government (Civic Center)	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Government (Civic Center)	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	User Defined	750	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	User Defined	750	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Emergency Generator	Diesel	1.00	1.00	50.0	800	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	28.1	annual days of extreme heat
Extreme Precipitation	3.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	29.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	50.3
AQ-DPM	35.7
Drinking Water	55.1
Lead Risk Housing	1.83
Pesticides	31.6
Toxic Releases	45.3
Traffic	50.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	47.4

Haz Waste Facilities/Generators	79.2
Impaired Water Bodies	12.5
Solid Waste	52.9
Sensitive Population	—
Asthma	55.5
Cardio-vascular	84.1
Low Birth Weights	55.4
Socioeconomic Factor Indicators	—
Education	51.2
Housing	6.89
Linguistic	21.4
Poverty	14.5
Unemployment	9.72

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	72.12883357
Employed	95.58578211
Median HI	89.34941614
Education	—
Bachelor's or higher	68.75401001
High school enrollment	100
Preschool enrollment	38.32926986
Transportation	—
Auto Access	98.98626973

Active commuting	3.195175157
Social	—
2-parent households	82.43295265
Voting	49.26215835
Neighborhood	—
Alcohol availability	93.77646606
Park access	6.441678429
Retail density	5.338123957
Supermarket access	15.96304376
Tree canopy	5.954061337
Housing	—
Homeownership	95.7141024
Housing habitability	96.52252021
Low-inc homeowner severe housing cost burden	60.52867958
Low-inc renter severe housing cost burden	94.8671885
Uncrowded housing	70.21686129
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	51.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	61.7

Cognitively Disabled	96.9
Physically Disabled	80.2
Heart Attack ER Admissions	11.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	2.1
SLR Inundation Area	0.0
Children	1.2
Elderly	85.6
English Speaking	87.3
Foreign-born	32.8
Outdoor Workers	85.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.3
Traffic Density	52.9
Traffic Access	23.0
Other Indices	—
Hardship	24.0

Other Decision Support	—
2016 Voting	68.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	46.0
Healthy Places Index Score for Project Location (b)	78.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics adjusted based on the Project traffic study and to separate industrial trucks and passenger vehicles.
Operations: Fleet Mix	Fleet mix adjusted to separate industrial trucks and passenger vehicles.
Operations: Hearths	No wood burning fireplaces or stoves per SCAQMD Rule 445. Project will not use natural gas.
Operations: Energy Use	Project will not use natural gas.

Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater. As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

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APPENDIX 3.4:

AERMOD MODELING OUTPUTS

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Cons CO\15218
Ph1 Cons CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Cons Co.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
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LOCATION VOL64	VOLUME	494299.890	3761440.813	720.200
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL73	VOLUME	492653.133	3762004.898	692.950
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491861.261	3762124.498	685.420
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	492825.779	3761472.781	683.550
LOCATION VOL93	VOLUME	492967.447	3761484.753	687.340
LOCATION VOL94	VOLUME	492845.732	3761335.103	686.260
LOCATION VOL95	VOLUME	492957.471	3761347.075	682.030
LOCATION VOL96	VOLUME	493053.247	3761341.089	681.650
LOCATION VOL97	VOLUME	492857.704	3761195.429	687.650
LOCATION VOL98	VOLUME	492859.699	3761137.564	695.600
LOCATION VOL99	VOLUME	492951.485	3761205.406	673.090
LOCATION VOL100	VOLUME	493055.242	3761201.415	681.890
LOCATION VOL101	VOLUME	492999.373	3761127.588	677.270
LOCATION VOL102	VOLUME	492987.401	3760985.919	666.300
LOCATION VOL103	VOLUME	492843.737	3760985.919	681.780
LOCATION VOL104	VOLUME	492702.068	3760977.938	698.980
LOCATION VOL105	VOLUME	492558.404	3760973.947	697.920
LOCATION VOL106	VOLUME	492488.567	3761099.653	696.880
LOCATION VOL107	VOLUME	492484.576	3761239.327	698.820
LOCATION VOL108	VOLUME	492484.576	3761375.009	683.390
LOCATION VOL109	VOLUME	492512.511	3761498.720	678.640
LOCATION VOL110	VOLUME	492638.217	3761522.664	684.350
LOCATION VOL111	VOLUME	492735.988	3761530.645	683.000
LOCATION VOL112	VOLUME	493466.281	3761650.366	709.230
LOCATION VOL113	VOLUME	493609.945	3761660.342	697.620
LOCATION VOL114	VOLUME	493635.885	3761530.645	689.730
LOCATION VOL115	VOLUME	493697.740	3761396.958	687.940
LOCATION VOL116	VOLUME	493536.118	3761806.002	707.000
LOCATION VOL117	VOLUME	493402.430	3761815.978	709.730
LOCATION VOL118	VOLUME	493061.228	3761839.922	707.880
LOCATION VOL119	VOLUME	492923.550	3761867.857	695.860
LOCATION VOL120	VOLUME	492783.876	3761903.773	696.290
LOCATION VOL121	VOLUME	494266.597	3761195.116	700.290
LOCATION VOL122	VOLUME	494394.112	3761261.275	719.950
LOCATION VOL123	VOLUME	494442.000	3760953.994	701.880
LOCATION VOL124	VOLUME	494499.865	3760866.199	700.670
LOCATION VOL125	VOLUME	491616.605	3762019.503	684.240
LOCATION VOL126	VOLUME	491640.549	3762141.218	684.320
LOCATION VOL127	VOLUME	491758.274	3762171.148	686.490
LOCATION VOL128	VOLUME	491582.685	3762278.896	683.100
LOCATION VOL129	VOLUME	491540.783	3762416.574	667.010

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   LOCATION VOL130       VOLUME     491672.475  3762478.430      680.300
   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
   LOCATION VOL134       VOLUME     493756.133  3761285.416      684.640
   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
** Source Parameters **
   SRCPARAM VOL4         0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL5         0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL6         0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL7         0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL8         0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL9         0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL10        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL11        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL16        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL17        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL18        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL19        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL20        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL21        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL22        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL23        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL24        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL25        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL26        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL30        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL31        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL35        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL36        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL37        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL46        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL47        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL48        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL63        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL64        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL65        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL66        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL67        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL68        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL69        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL70        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL71        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL72        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL73        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL74        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL75        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL76        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL77        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL78        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL79        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL80        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL81        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL82        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL83        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL84        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL85        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL86        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL87        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL88        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL89        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL90        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL91        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL92        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL93        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL94        0.0204746556     5.000    31.816     1.400
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   SRCPARAM VOL95        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL96        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL97        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL98        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL99        0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL100       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL101       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL102       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL103       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL104       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL105       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL106       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL107       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL108       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL109       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL110       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL111       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL112       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL113       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL114       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL115       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL116       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL117       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL118       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL119       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL120       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL121       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL122       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL123       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL124       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL125       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL126       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL127       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL128       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL129       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL130       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL131       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL132       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL133       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL134       0.0204746556     5.000    31.816     1.400
   SRCPARAM VOL135       0.0204746556     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL69        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL70        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL71        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL72        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL73        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL74        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL75        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL76        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL77        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL78        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL79        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL80        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL81        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL82        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL83        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL84        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL85        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL86        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL87        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL88        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL89        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL90        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL91        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
```

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   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Cons CO.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH1 CONS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH1 CONS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph1 Cons Co.sum"
```

OU FINISHED

*** Message Summary For AERMOD Model Setup ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1766 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1766 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** SETUP Finishes Successfully ***
****

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:37:04

PAGE 1
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***
- - - -

```
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph1 Cons
 Co.err
 **File for Summary of Results:   15218 Ph1 Cons
 Co.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - -

 VOL4             0   0.20475E-01  492797.1 3762283.9   695.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL5             0   0.20475E-01  493197.6 3761815.0   710.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL6             0   0.20475E-01  492524.0 3762265.1   688.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL7             0   0.20475E-01  492388.1 3762262.6   696.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL8             0   0.20475E-01  492254.8 3762271.8   683.2     5.00    31.82     1.40
```

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YES   HRDOW            NO
VOL9            0   0.20475E-01  493105.9 3761467.1   684.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL10           0   0.20475E-01  493239.1 3761465.8   689.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL11           0   0.20475E-01  493368.3 3761535.2   695.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL16           0   0.20475E-01  492659.4 3762267.1   695.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL17           0   0.20475E-01  493185.4 3761712.2   707.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL18           0   0.20475E-01  491986.2 3762340.0   678.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL19           0   0.20475E-01  491843.1 3762383.8   670.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL20           0   0.20475E-01  492118.5 3762307.8   682.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL21           0   0.20475E-01  493148.2 3761325.5   685.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL22           0   0.20475E-01  493285.0 3761332.6   690.3     5.00    31.82     1.40
YES   HRDOW            NO
VOL23           0   0.20475E-01  493368.3 3761393.7   681.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL24           0   0.20475E-01  493893.2 3761268.9   696.5     5.00    31.82     1.40
YES   HRDOW            NO
VOL25           0   0.20475E-01  494008.7 3761247.0   701.2     5.00    31.82     1.40
YES   HRDOW            NO
VOL26           0   0.20475E-01  494137.7 3761246.0   721.6     5.00    31.82     1.40
YES   HRDOW            NO
VOL30           0   0.20475E-01  493263.0 3761716.6   705.5     5.00    31.82     1.40
YES   HRDOW            NO
VOL31           0   0.20475E-01  493268.3 3761811.5   710.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL35           0   0.20475E-01  493145.9 3761184.0   686.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL36           0   0.20475E-01  493287.4 3761193.4   698.1     5.00    31.82     1.40
YES   HRDOW            NO
VOL37           0   0.20475E-01  493373.0 3761252.2   680.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL46           0   0.20475E-01  493128.3 3761058.6   681.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL47           0   0.20475E-01  493228.4 3761082.6   683.1     5.00    31.82     1.40
YES   HRDOW            NO
VOL48           0   0.20475E-01  493354.1 3761167.3   672.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL63           0   0.20475E-01  494331.8 3761044.0   704.8     5.00    31.82     1.40
YES   HRDOW            NO
VOL64           0   0.20475E-01  494299.9 3761440.8   720.2     5.00    31.82     1.40
YES   HRDOW            NO
VOL65           0   0.20475E-01  492653.1 3762138.7   689.1     5.00    31.82     1.40
YES   HRDOW            NO
VOL66           0   0.20475E-01  491979.9 3762211.7   686.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL67           0   0.20475E-01  491836.8 3762255.5   683.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL68           0   0.20475E-01  492112.2 3762179.4   689.5     5.00    31.82     1.40
YES   HRDOW            NO
VOL69           0   0.20475E-01  491694.4 3762248.6   690.2     5.00    31.82     1.40
YES   HRDOW            NO
VOL70           0   0.20475E-01  492517.7 3762136.8   695.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL71           0   0.20475E-01  492381.8 3762134.3   693.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL72           0   0.20475E-01  492248.5 3762143.5   690.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL73           0   0.20475E-01  492653.1 3762004.9   692.9     5.00    31.82     1.40
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL74	0	0.20475E-01	491979.9	3762077.8	692.8	5.00	31.82	1.40	YES HRDOW
VOL75	0	0.20475E-01	491861.3	3762124.5	685.4	5.00	31.82	1.40	YES HRDOW
VOL76	0	0.20475E-01	492112.2	3762045.6	687.6	5.00	31.82	1.40	YES HRDOW
VOL77	0	0.20475E-01	492234.6	3761900.7	682.3	5.00	31.82	1.40	YES HRDOW
VOL78	0	0.20475E-01	492517.7	3762002.9	686.1	5.00	31.82	1.40	YES HRDOW
VOL79	0	0.20475E-01	492381.8	3762000.4	683.7	5.00	31.82	1.40	YES HRDOW
VOL80	0	0.20475E-01	492248.5	3762009.6	684.6	5.00	31.82	1.40	YES HRDOW
VOL81	0	0.20475E-01	492101.1	3761906.6	686.0	5.00	31.82	1.40	YES HRDOW
VOL82	0	0.20475E-01	491981.9	3761950.4	678.8	5.00	31.82	1.40	YES HRDOW
VOL83	0	0.20475E-01	491977.0	3761816.6	673.3	5.00	31.82	1.40	YES HRDOW
VOL84	0	0.20475E-01	491928.4	3761984.5	688.2	5.00	31.82	1.40	YES HRDOW
VOL85	0	0.20475E-01	491930.8	3761843.4	679.8	5.00	31.82	1.40	YES HRDOW
VOL86	0	0.20475E-01	491794.5	3761889.6	686.2	5.00	31.82	1.40	YES HRDOW
VOL87	0	0.20475E-01	491658.3	3761877.4	655.9	5.00	31.82	1.40	YES HRDOW
VOL88	0	0.20475E-01	491835.9	3761787.4	683.2	5.00	31.82	1.40	YES HRDOW
VOL89	0	0.20475E-01	491702.1	3761770.4	661.0	5.00	31.82	1.40	YES HRDOW
VOL90	0	0.20475E-01	491592.6	3761743.6	657.9	5.00	31.82	1.40	YES HRDOW
VOL91	0	0.20475E-01	491801.8	3762386.9	675.2	5.00	31.82	1.40	YES HRDOW
VOL92	0	0.20475E-01	492825.8	3761472.8	683.5	5.00	31.82	1.40	YES HRDOW
VOL93	0	0.20475E-01	492967.4	3761484.8	687.3	5.00	31.82	1.40	YES HRDOW
VOL94	0	0.20475E-01	492845.7	3761335.1	686.3	5.00	31.82	1.40	YES HRDOW
VOL95	0	0.20475E-01	492957.5	3761347.1	682.0	5.00	31.82	1.40	YES HRDOW
VOL96	0	0.20475E-01	493053.2	3761341.1	681.6	5.00	31.82	1.40	YES HRDOW

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 YES   HRDOW            NO
 VOL97           0   0.20475E-01  492857.7 3761195.4   687.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL98           0   0.20475E-01  492859.7 3761137.6   695.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL99           0   0.20475E-01  492951.5 3761205.4   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL100          0   0.20475E-01  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL101          0   0.20475E-01  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL102          0   0.20475E-01  492987.4 3760985.9   666.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL103          0   0.20475E-01  492843.7 3760985.9   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL104          0   0.20475E-01  492702.1 3760977.9   699.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL105          0   0.20475E-01  492558.4 3760973.9   697.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL106          0   0.20475E-01  492488.6 3761099.7   696.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL107          0   0.20475E-01  492484.6 3761239.3   698.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL108          0   0.20475E-01  492484.6 3761375.0   683.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL109          0   0.20475E-01  492512.5 3761498.7   678.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL110          0   0.20475E-01  492638.2 3761522.7   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL111          0   0.20475E-01  492736.0 3761530.6   683.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL112          0   0.20475E-01  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL113          0   0.20475E-01  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL114          0   0.20475E-01  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL115          0   0.20475E-01  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:37:04

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL116          0   0.20475E-01  493536.1 3761806.0   707.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL117          0   0.20475E-01  493402.4 3761816.0   709.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL118          0   0.20475E-01  493061.2 3761839.9   707.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL119          0   0.20475E-01  492923.5 3761867.9   695.9     5.00    31.82     1.40
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 YES   HRDOW            NO
 VOL120          0   0.20475E-01  492783.9 3761903.8   696.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL121          0   0.20475E-01  494266.6 3761195.1   700.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL122          0   0.20475E-01  494394.1 3761261.3   719.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL123          0   0.20475E-01  494442.0 3760954.0   701.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL124          0   0.20475E-01  494499.9 3760866.2   700.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL125          0   0.20475E-01  491616.6 3762019.5   684.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL126          0   0.20475E-01  491640.5 3762141.2   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL127          0   0.20475E-01  491758.3 3762171.1   686.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL128          0   0.20475E-01  491582.7 3762278.9   683.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL129          0   0.20475E-01  491540.8 3762416.6   667.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL130          0   0.20475E-01  491672.5 3762478.4   680.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL131          0   0.20475E-01  491542.8 3762512.3   678.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL132          0   0.20475E-01  494202.6 3761397.0   715.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL133          0   0.20475E-01  494312.7 3760935.8   695.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL134          0   0.20475E-01  493756.1 3761285.4   684.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL135          0   0.20475E-01  491584.8 3761865.1   668.3     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:37:04

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4       , VOL5       , VOL6       , VOL7       , VOL8       , VOL9       ,
  VOL10      , VOL11      ,

             VOL16      , VOL17      , VOL18      , VOL19      , VOL20      , VOL21      ,
             VOL22      , VOL23      ,

             VOL24      , VOL25      , VOL26      , VOL30      , VOL31      , VOL35      ,
             VOL36      , VOL37      ,

             VOL46      , VOL47      , VOL48      , VOL63      , VOL64      , VOL65      ,
             VOL66      , VOL67      ,

             VOL68      , VOL69      , VOL70      , VOL71      , VOL72      , VOL73      ,
             VOL74      , VOL75      ,

             VOL76      , VOL77      , VOL78      , VOL79      , VOL80      , VOL81      ,
             VOL82      , VOL83      ,
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VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 ,
VOL90 , VOL91 ,

VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 ,
VOL98 , VOL99 ,

VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 ,
VOL106 , VOL107 ,

VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 ,
VOL114 , VOL115 ,

VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 ,
VOL122 , VOL123 ,

VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 ,
VOL130 , VOL131 ,

VOL132 , VOL133 , VOL134 , VOL135 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
		VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 ,
		VOL46 , VOL47 , VOL48 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 ,
		VOL68 , VOL69 , VOL70 , VOL71 , VOL72 , VOL73 , VOL74 , VOL75 ,
		VOL76 , VOL77 , VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
		VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
		VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
		VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
		VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
		VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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*** AERMET - VERSION 16216 ***
*** *** 09:37:04

PAGE 9
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:37:04

PAGE 10
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL17        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -

                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL20        ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       09:37:04

                      PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL21        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       09:37:04
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:37:04

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:37:04

PAGE 25

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL70        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL71        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:37:04

PAGE 43

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL72 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SOURCE ID = VOL73        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                      PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL74        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL75 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL76 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL77 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL78 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL79 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL82 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL83 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL84 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL85 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL86 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL87 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL88 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL91 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:37:04

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL97 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL98 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL100   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL102 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL112 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL113       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL114       ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:37:04

                     PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL115       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:37:04
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:37:04

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:37:04

PAGE 91
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL122       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL123 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL129       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL130       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);

(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);

(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WD	WS HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5

```
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                               VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                  VOL18       , VOL19       , VOL20       ,
                  VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                  VOL26       , VOL30       , VOL31       ,
                  VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                  VOL48       , VOL63       ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF CO       IN
                                    MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
- - - -
```

493745.92 3761709.48 10.79220 (12022716) 493741.37
3761696.95 10.84213 (12022716)
493738.52 3761681.00 10.74376 (12022716) 493737.38
3761663.91 10.59581 (12022716)
493736.52 3761651.38 10.63451 (12022716) 494418.08
3761416.13 9.90743 (12121716)
494473.73 3761368.11 11.12921 (12022716) 494939.85
3761394.35 3.35336 (12121716)
494686.37 3761403.42 4.88518 (12121716) 494575.98
3761568.60 4.04518 (12022716)
494541.49 3761602.79 4.56468 (12022716) 494822.53
3761435.24 3.57033 (12121716)
494846.18 3761504.63 2.77293 (12121716) 494841.06
3761535.78 2.52393 (12121716)
494837.90 3761553.12 2.47182 (16112816) 494885.61
3761199.09 4.75183 (12121716)
494976.68 3761325.65 3.88189 (12121716) 494985.35
3761366.25 3.44753 (12121716)
495070.90 3761299.23 3.30054 (12121716) 495115.47
3760632.60 4.82636 (12121716)
495069.03 3760685.30 5.38045 (12121716) 495087.55
3760728.31 5.68856 (12121716)
495079.90 3760834.52 5.82630 (12121716) 495202.38
3760883.65 5.49817 (12121716)
495237.63 3760939.31 5.21818 (12121716) 495298.45
3761048.56 4.44609 (12121716)
490844.43 3759375.83 1.06727 (12021516) 490895.79
3759357.70 1.13949 (12021516)
490596.67 3759246.67 0.90601 (12021516) 489103.59
3759859.22 0.69905 (15122215)
488940.48 3759893.26 0.70259 (15122215) 488472.34
3759865.64 0.69629 (15122215)
488432.53 3759884.27 0.70114 (16012009) 488713.15
3759827.76 0.69624 (15122215)
487562.29 3760285.62 0.73798 (14120216) 487809.35
3760420.86 0.75966 (14120216)
487553.10 3761208.24 1.04203 (16102416) 487899.76
3760972.40 0.93636 (16102416)
487983.18 3762301.23 1.38489 (16123016) 487913.66
3762403.25 1.40113 (16123016)
487890.59 3762238.09 1.32550 (16123016) 488190.14
3762513.88 1.44319 (16123016)
488424.39 3762586.51 1.43391 (16123016) 488657.54
3762495.87 1.54742 (16123016)
488908.17 3762583.23 1.51963 (16123016) 489170.26
3762660.77 1.44676 (16123016)
489382.17 3762809.64 1.28521 (14120316) 489294.91
3762783.65 1.27749 (12012316)
489889.72 3762661.22 1.72185 (14120316) 490022.93
3762783.29 2.28946 (14120316)
490423.96 3762839.25 3.41239 (14120316) 490375.94
3762870.37 3.31768 (14120316)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 ,

VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	4.39379	(14120316)	491132.33	3762903.51	4.66480	(14120316)
492828.06	3762200.49	10.02461	(16121516)	492961.55	3762258.51	6.01763	(13010916)
493033.99	3762272.60	5.84757	(16112816)	493032.31	3762205.18	5.61616	(14123016)
493087.32	3762215.25	5.33605	(14123016)	493079.94	3762296.41	5.39503	(16112816)
493163.79	3762367.18	3.91286	(14123016)	493068.87	3762510.05	4.78115	(12022716)
493101.07	3762454.71	4.59158	(16112816)	493281.84	3762369.19	3.73302	(14123016)
493351.51	3762095.42	7.83062	(12022716)	493439.48	3762105.84	9.07691	(12022716)
493972.90	3763044.23	3.00435	(13121916)	493957.03	3763184.09	2.70798	(13121916)
493583.55	3763480.45	2.20292	(12022716)	493258.47	3763568.15	2.47143	(12022716)
492895.78	3763485.72	2.49785	(12022716)	493781.01	3761659.05	10.09774	(12121716)
493797.63	3761658.35	9.71675	(12121716)	493831.94	3761631.47	9.58442	(12121716)
493900.20	3761664.01	7.61170	(12121716)	493918.59	3761666.13	7.30455	(12121716)
493929.55	3761662.24	7.18775	(12121716)	493945.82	3761667.90	6.85180	(12121716)
493758.37	3761524.30	10.97479	(12121716)	493961.03	3761672.85	6.56241	(12121716)
493975.18	3761679.57	6.27930	(12121716)	493987.55	3761687.70	5.95584	(12121716)
493998.87	3761697.25	5.64691	(12121716)	494007.71	3761707.51	5.44080	(16112816)
494016.91	3761718.12	5.37143	(16112816)	494024.69	3761730.85	5.23987	(16112816)
492955.24	3762130.13	6.54298	(12121716)	492955.24	3761996.30	10.60925	(14120316)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,

VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	2.75657	(12022716)	493409.97	3761986.39	3.51993	(12022716)
493417.46	3761972.99	3.73314	(12022716)	493468.31	3761958.40	3.84517	(12022716)
493499.84	3761947.37	3.84405	(12022716)	493614.36	3761892.81	3.73493	(12022716)
493613.66	3761905.05	3.54801	(12022716)	493614.36	3761917.12	3.33387	(12022716)
493614.36	3761927.44	3.16861	(12022716)	493613.31	3761940.20	2.99058	(12022716)
493616.46	3761952.10	2.80854	(12022716)	493615.23	3761961.71	2.70314	(12022716)
493614.53	3761973.78	2.57862	(12022716)	493614.01	3761984.98	2.47465	(12022716)
493613.66	3761996.52	2.38202	(12022716)	493614.18	3762007.36	2.30069	(12022716)
493615.76	3762018.56	2.22015	(12022716)	493614.71	3762025.73	2.17829	(12022716)
493614.36	3762035.00	2.12411	(12022716)	493613.13	3762043.74	2.07907	(12022716)
493613.66	3762052.14	2.03237	(12022716)	493613.83	3762061.58	1.98376	(12022716)
493614.18	3762071.55	1.93446	(12022716)	493696.46	3761742.53	3.36240	(12042316)
493707.35	3761768.92	2.95119	(12042316)	493727.98	3761742.80	2.88106	(12042316)
493755.61	3761733.69	2.61754	(12042316)	493750.48	3761720.58	2.81719	(12042316)
493745.92	3761709.48	3.01678	(12042316)	493741.37	3761696.95	3.26689	(12042316)
493738.52	3761681.00	3.55416	(12042316)	493737.38	3761663.91	3.77751	(12042316)
493736.52	3761651.38	3.90419	(12042316)	494418.08	3761416.13	3.61576	(12042316)
494473.73	3761368.11	2.60685	(12042316)	494939.85	3761394.35	0.98764	(16011516)
494686.37	3761403.42	1.36866	(16011516)	494575.98	3761568.60	1.10079	(15013016)
494541.49	3761602.79	1.07129	(15013016)	494822.53	3761435.24	1.07658	(16011516)
494846.18	3761504.63	0.95600	(16011516)	494841.06	3761535.78	0.91482	(16011516)
494837.90	3761553.12	0.89126	(16011516)	494885.61	3761199.09	1.13500	(12042316)
494976.68	3761325.65	0.96367	(16011516)	494985.35	3761366.25	0.94824	(16011516)
495070.90	3761299.23	0.87987	(16011516)	495115.47	3760632.60	1.08839	(16122216)
495069.03	3760685.30	1.11436	(16122216)	495087.55	3760728.31	1.08948	(16122216)
495079.90	3760834.52	1.11357	(12121716)	495202.38	3760883.65	1.03132	(12121716)
495237.63	3760939.31	0.98375	(12121716)	495298.45	3761048.56	0.86219	(12121716)

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       490844.43   3759375.83        0.44788  (13012516)                490895.79
       3759357.70        0.44327  (13012516)
       490596.67   3759246.67        0.43194  (13012516)                489103.59
       3759859.22        0.39550  (13012516)
       488940.48   3759893.26        0.37328  (13012516)                488472.34
       3759865.64        0.33355  (15122216)
       488432.53   3759884.27        0.33332  (15122216)                488713.15
       3759827.76        0.35178  (13012516)
       487562.29   3760285.62        0.30429  (15122216)                487809.35
       3760420.86        0.31729  (15122216)
       487553.10   3761208.24        0.26664  (15122216)                487899.76
       3760972.40        0.30676  (15122216)
       487983.18   3762301.23        0.34644  (16123016)                487913.66
       3762403.25        0.35205  (16123016)
       487890.59   3762238.09        0.33342  (12121316)                488190.14
       3762513.88        0.37681  (16123016)
       488424.39   3762586.51        0.39049  (16123016)                488657.54
       3762495.87        0.41576  (16123016)
       488908.17   3762583.23        0.43137  (16123016)                489170.26
       3762660.77        0.44354  (16123016)
       489382.17   3762809.64        0.41231  (12121316)                489294.91
       3762783.65        0.41574  (16123016)
       489889.72   3762661.22        0.52370  (16123016)                490022.93
       3762783.29        0.49103  (14120316)
       490423.96   3762839.25        0.79307  (16010516)                490375.94
       3762870.37        0.77309  (16010516)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                  VOL6        , VOL7        , VOL8        ,
                    VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                    VOL18       , VOL19       , VOL20       ,
                    VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                    VOL26       , VOL30       , VOL31       ,
                    VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                    VOL48       , VOL63       ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO       IN
                                       MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       491453.08   3762845.48        1.77350  (16122316)                491132.33
       3762903.51        1.61443  (16010516)
       492828.06   3762200.49        4.49893  (12042316)                492961.55
       3762258.51        2.78001  (16011516)
       493033.99   3762272.60        2.01277  (16011516)                493032.31
       3762205.18        2.03189  (16011516)
       493087.32   3762215.25        1.79342  (15013016)                493079.94
       3762296.41        1.78288  (15013016)
       493163.79   3762367.18        1.47109  (15013016)                493068.87
       3762510.05        1.25186  (12121816)
       493101.07   3762454.71        1.32137  (12121816)                493281.84
       3762369.19        1.27691  (15013016)
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       493351.51   3762095.42        2.15349  (12022716)                493439.48
       3762105.84        2.09838  (12022716)
       493972.90   3763044.23        0.60552  (14012416)                493957.03
       3763184.09        0.57117  (14012416)
       493583.55   3763480.45        0.58685  (16122216)                493258.47
       3763568.15        0.61016  (16122216)
       492895.78   3763485.72        0.67250  (16122216)                493781.01
       3761659.05        2.86362  (12042316)
       493797.63   3761658.35        2.64954  (12042316)                493831.94
       3761631.47        2.39483  (12042316)
       493900.20   3761664.01        1.82092  (12042316)                493918.59
       3761666.13        1.73819  (16011516)
       493929.55   3761662.24        1.71394  (16011516)                493945.82
       3761667.90        1.64278  (16011516)
       493758.37   3761524.30        3.30310  (12042316)                493961.03
       3761672.85        1.58784  (16011516)
       493975.18   3761679.57        1.54913  (16011516)                493987.55
       3761687.70        1.50618  (16011516)
       493998.87   3761697.25        1.46947  (16011516)                494007.71
       3761707.51        1.43357  (16112816)
       494016.91   3761718.12        1.40321  (16112816)                494024.69
       3761730.85        1.37657  (15013016)
       492955.24   3762130.13        2.38555  (12042316)                492955.24
       3761996.30        3.54816  (13121916)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                  ** CONC OF CO       IN
                                  MICROGRAMS/M**3                        **


                                                  DATE
                                                                                NETWORK
GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      20.56561  ON 12022716: AT (  493614.36,  3761892.81,
711.29,   711.29,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:37:04

                     PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST  8-HR RESULTS ***


                                  ** CONC OF CO       IN
```

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	4.49893	ON 12042316: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:37:04

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1766 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1766 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Cons NOX\15218
Ph1 Cons NOX.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Cons NOX.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
```

LOCATION VOL64	VOLUME	494299.890	3761440.813	720.200
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL73	VOLUME	492653.133	3762004.898	692.950
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491861.261	3762124.498	685.420
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	492825.779	3761472.781	683.550
LOCATION VOL93	VOLUME	492967.447	3761484.753	687.340
LOCATION VOL94	VOLUME	492845.732	3761335.103	686.260
LOCATION VOL95	VOLUME	492957.471	3761347.075	682.030
LOCATION VOL96	VOLUME	493053.247	3761341.089	681.650
LOCATION VOL97	VOLUME	492857.704	3761195.429	687.650
LOCATION VOL98	VOLUME	492859.699	3761137.564	695.600
LOCATION VOL99	VOLUME	492951.485	3761205.406	673.090
LOCATION VOL100	VOLUME	493055.242	3761201.415	681.890
LOCATION VOL101	VOLUME	492999.373	3761127.588	677.270
LOCATION VOL102	VOLUME	492987.401	3760985.919	666.300
LOCATION VOL103	VOLUME	492843.737	3760985.919	681.780
LOCATION VOL104	VOLUME	492702.068	3760977.938	698.980
LOCATION VOL105	VOLUME	492558.404	3760973.947	697.920
LOCATION VOL106	VOLUME	492488.567	3761099.653	696.880
LOCATION VOL107	VOLUME	492484.576	3761239.327	698.820
LOCATION VOL108	VOLUME	492484.576	3761375.009	683.390
LOCATION VOL109	VOLUME	492512.511	3761498.720	678.640
LOCATION VOL110	VOLUME	492638.217	3761522.664	684.350
LOCATION VOL111	VOLUME	492735.988	3761530.645	683.000
LOCATION VOL112	VOLUME	493466.281	3761650.366	709.230
LOCATION VOL113	VOLUME	493609.945	3761660.342	697.620
LOCATION VOL114	VOLUME	493635.885	3761530.645	689.730
LOCATION VOL115	VOLUME	493697.740	3761396.958	687.940
LOCATION VOL116	VOLUME	493536.118	3761806.002	707.000
LOCATION VOL117	VOLUME	493402.430	3761815.978	709.730
LOCATION VOL118	VOLUME	493061.228	3761839.922	707.880
LOCATION VOL119	VOLUME	492923.550	3761867.857	695.860
LOCATION VOL120	VOLUME	492783.876	3761903.773	696.290
LOCATION VOL121	VOLUME	494266.597	3761195.116	700.290
LOCATION VOL122	VOLUME	494394.112	3761261.275	719.950
LOCATION VOL123	VOLUME	494442.000	3760953.994	701.880
LOCATION VOL124	VOLUME	494499.865	3760866.199	700.670
LOCATION VOL125	VOLUME	491616.605	3762019.503	684.240
LOCATION VOL126	VOLUME	491640.549	3762141.218	684.320
LOCATION VOL127	VOLUME	491758.274	3762171.148	686.490
LOCATION VOL128	VOLUME	491582.685	3762278.896	683.100
LOCATION VOL129	VOLUME	491540.783	3762416.574	667.010

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   LOCATION VOL130       VOLUME     491672.475  3762478.430      680.300
   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
   LOCATION VOL134       VOLUME     493756.133  3761285.416      684.640
   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
** Source Parameters **
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   SRCPARAM VOL6         0.0222071264     5.000    31.816     1.400
   SRCPARAM VOL7         0.0222071264     5.000    31.816     1.400
   SRCPARAM VOL8         0.0222071264     5.000    31.816     1.400
   SRCPARAM VOL9         0.0222071264     5.000    31.816     1.400
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   SRCPARAM VOL64        0.0222071264     5.000    31.816     1.400
   SRCPARAM VOL65        0.0222071264     5.000    31.816     1.400
   SRCPARAM VOL66        0.0222071264     5.000    31.816     1.400
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   SRCPARAM VOL94        0.0222071264     5.000    31.816     1.400
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   SRCPARAM VOL133       0.0222071264     5.000    31.816     1.400
   SRCPARAM VOL134       0.0222071264     5.000    31.816     1.400
   SRCPARAM VOL135       0.0222071264     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL69        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL70        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL71        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL72        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL73        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL74        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL75        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL76        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL77        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL78        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL79        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL80        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL81        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL82        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL83        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL84        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL85        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL86        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL87        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL88        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL89        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL90        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL91        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Cons NOX.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH1 CONS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph1 Cons NOX.sum"
OU FINISHED
```

```
 *** Message Summary For AERMOD Model Setup ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of            0 Informational Message(s)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186    1766       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1766       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   100 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NOX

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:    100 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    100 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
```

```
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph1 Cons
 NOX.err
 **File for Summary of Results:   15218 Ph1 Cons
 NOX.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:52:40

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 VOL4            0   0.22207E-01  492797.1 3762283.9   695.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL5            0   0.22207E-01  493197.6 3761815.0   710.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL6            0   0.22207E-01  492524.0 3762265.1   688.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL7            0   0.22207E-01  492388.1 3762262.6   696.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL8            0   0.22207E-01  492254.8 3762271.8   683.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL9            0   0.22207E-01  493105.9 3761467.1   684.4     5.00    31.82     1.40
```

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YES   HRDOW            NO
VOL10            0   0.22207E-01  493239.1 3761465.8   689.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL11            0   0.22207E-01  493368.3 3761535.2   695.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL16            0   0.22207E-01  492659.4 3762267.1   695.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL17            0   0.22207E-01  493185.4 3761712.2   707.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL18            0   0.22207E-01  491986.2 3762340.0   678.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL19            0   0.22207E-01  491843.1 3762383.8   670.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL20            0   0.22207E-01  492118.5 3762307.8   682.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL21            0   0.22207E-01  493148.2 3761325.5   685.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL22            0   0.22207E-01  493285.0 3761332.6   690.3     5.00    31.82     1.40
YES   HRDOW            NO
VOL23            0   0.22207E-01  493368.3 3761393.7   681.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL24            0   0.22207E-01  493893.2 3761268.9   696.5     5.00    31.82     1.40
YES   HRDOW            NO
VOL25            0   0.22207E-01  494008.7 3761247.0   701.2     5.00    31.82     1.40
YES   HRDOW            NO
VOL26            0   0.22207E-01  494137.7 3761246.0   721.6     5.00    31.82     1.40
YES   HRDOW            NO
VOL30            0   0.22207E-01  493263.0 3761716.6   705.5     5.00    31.82     1.40
YES   HRDOW            NO
VOL31            0   0.22207E-01  493268.3 3761811.5   710.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL35            0   0.22207E-01  493145.9 3761184.0   686.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL36            0   0.22207E-01  493287.4 3761193.4   698.1     5.00    31.82     1.40
YES   HRDOW            NO
VOL37            0   0.22207E-01  493373.0 3761252.2   680.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL46            0   0.22207E-01  493128.3 3761058.6   681.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL47            0   0.22207E-01  493228.4 3761082.6   683.1     5.00    31.82     1.40
YES   HRDOW            NO
VOL48            0   0.22207E-01  493354.1 3761167.3   672.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL63            0   0.22207E-01  494331.8 3761044.0   704.8     5.00    31.82     1.40
YES   HRDOW            NO
VOL64            0   0.22207E-01  494299.9 3761440.8   720.2     5.00    31.82     1.40
YES   HRDOW            NO
VOL65            0   0.22207E-01  492653.1 3762138.7   689.1     5.00    31.82     1.40
YES   HRDOW            NO
VOL66            0   0.22207E-01  491979.9 3762211.7   686.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL67            0   0.22207E-01  491836.8 3762255.5   683.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL68            0   0.22207E-01  492112.2 3762179.4   689.5     5.00    31.82     1.40
YES   HRDOW            NO
VOL69            0   0.22207E-01  491694.4 3762248.6   690.2     5.00    31.82     1.40
YES   HRDOW            NO
VOL70            0   0.22207E-01  492517.7 3762136.8   695.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL71            0   0.22207E-01  492381.8 3762134.3   693.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL72            0   0.22207E-01  492248.5 3762143.5   690.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL73            0   0.22207E-01  492653.1 3762004.9   692.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL74            0   0.22207E-01  491979.9 3762077.8   692.8     5.00    31.82     1.40
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL76	0	0.22207E-01	492112.2	3762045.6	687.6	5.00	31.82	1.40	YES HRDOW
VOL77	0	0.22207E-01	492234.6	3761900.7	682.3	5.00	31.82	1.40	YES HRDOW
VOL78	0	0.22207E-01	492517.7	3762002.9	686.1	5.00	31.82	1.40	YES HRDOW
VOL79	0	0.22207E-01	492381.8	3762000.4	683.7	5.00	31.82	1.40	YES HRDOW
VOL80	0	0.22207E-01	492248.5	3762009.6	684.6	5.00	31.82	1.40	YES HRDOW
VOL81	0	0.22207E-01	492101.1	3761906.6	686.0	5.00	31.82	1.40	YES HRDOW
VOL82	0	0.22207E-01	491981.9	3761950.4	678.8	5.00	31.82	1.40	YES HRDOW
VOL83	0	0.22207E-01	491977.0	3761816.6	673.3	5.00	31.82	1.40	YES HRDOW
VOL84	0	0.22207E-01	491928.4	3761984.5	688.2	5.00	31.82	1.40	YES HRDOW
VOL85	0	0.22207E-01	491930.8	3761843.4	679.8	5.00	31.82	1.40	YES HRDOW
VOL86	0	0.22207E-01	491794.5	3761889.6	686.2	5.00	31.82	1.40	YES HRDOW
VOL87	0	0.22207E-01	491658.3	3761877.4	655.9	5.00	31.82	1.40	YES HRDOW
VOL88	0	0.22207E-01	491835.9	3761787.4	683.2	5.00	31.82	1.40	YES HRDOW
VOL89	0	0.22207E-01	491702.1	3761770.4	661.0	5.00	31.82	1.40	YES HRDOW
VOL90	0	0.22207E-01	491592.6	3761743.6	657.9	5.00	31.82	1.40	YES HRDOW
VOL91	0	0.22207E-01	491801.8	3762386.9	675.2	5.00	31.82	1.40	YES HRDOW
VOL92	0	0.22207E-01	492825.8	3761472.8	683.5	5.00	31.82	1.40	YES HRDOW
VOL93	0	0.22207E-01	492967.4	3761484.8	687.3	5.00	31.82	1.40	YES HRDOW
VOL94	0	0.22207E-01	492845.7	3761335.1	686.3	5.00	31.82	1.40	YES HRDOW
VOL95	0	0.22207E-01	492957.5	3761347.1	682.0	5.00	31.82	1.40	YES HRDOW
VOL96	0	0.22207E-01	493053.2	3761341.1	681.6	5.00	31.82	1.40	YES HRDOW
VOL97	0	0.22207E-01	492857.7	3761195.4	687.6	5.00	31.82	1.40	

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 YES   HRDOW            NO
 VOL98            0   0.22207E-01  492859.7 3761137.6   695.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL99            0   0.22207E-01  492951.5 3761205.4   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL100           0   0.22207E-01  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL101           0   0.22207E-01  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL102           0   0.22207E-01  492987.4 3760985.9   666.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL103           0   0.22207E-01  492843.7 3760985.9   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL104           0   0.22207E-01  492702.1 3760977.9   699.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL105           0   0.22207E-01  492558.4 3760973.9   697.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL106           0   0.22207E-01  492488.6 3761099.7   696.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL107           0   0.22207E-01  492484.6 3761239.3   698.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL108           0   0.22207E-01  492484.6 3761375.0   683.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL109           0   0.22207E-01  492512.5 3761498.7   678.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL110           0   0.22207E-01  492638.2 3761522.7   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL111           0   0.22207E-01  492736.0 3761530.6   683.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL112           0   0.22207E-01  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL113           0   0.22207E-01  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL114           0   0.22207E-01  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL115           0   0.22207E-01  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
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 VOL116           0   0.22207E-01  493536.1 3761806.0   707.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL117           0   0.22207E-01  493402.4 3761816.0   709.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL118           0   0.22207E-01  493061.2 3761839.9   707.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL119           0   0.22207E-01  492923.5 3761867.9   695.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL120           0   0.22207E-01  492783.9 3761903.8   696.3     5.00    31.82     1.40
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 YES   HRDOW           NO
 VOL121          0   0.22207E-01  494266.6 3761195.1   700.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL122          0   0.22207E-01  494394.1 3761261.3   719.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL123          0   0.22207E-01  494442.0 3760954.0   701.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL124          0   0.22207E-01  494499.9 3760866.2   700.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL125          0   0.22207E-01  491616.6 3762019.5   684.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL126          0   0.22207E-01  491640.5 3762141.2   684.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL127          0   0.22207E-01  491758.3 3762171.1   686.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL128          0   0.22207E-01  491582.7 3762278.9   683.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL129          0   0.22207E-01  491540.8 3762416.6   667.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL130          0   0.22207E-01  491672.5 3762478.4   680.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL131          0   0.22207E-01  491542.8 3762512.3   678.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL132          0   0.22207E-01  494202.6 3761397.0   715.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL133          0   0.22207E-01  494312.7 3760935.8   695.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL134          0   0.22207E-01  493756.1 3761285.4   684.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL135          0   0.22207E-01  491584.8 3761865.1   668.3     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,
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VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 ,
VOL98 , VOL99 ,

VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 ,
VOL106 , VOL107 ,

VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 ,
VOL114 , VOL115 ,

VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 ,
VOL122 , VOL123 ,

VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 ,
VOL130 , VOL131 ,

VOL132 , VOL133 , VOL134 , VOL135 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 10:52:40

PAGE 6
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
		VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 ,
		VOL46 , VOL47 , VOL48 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 ,
		VOL68 , VOL69 , VOL70 , VOL71 , VOL72 , VOL73 , VOL74 , VOL75 ,
		VOL76 , VOL77 , VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
		VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
		VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
		VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
		VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
		VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,

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           VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
           VOL130      , VOL131      ,

           VOL132      , VOL133      , VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL5         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL26        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 10:52:40

PAGE 27
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SOURCE ID = VOL35        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL36        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL70        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL71        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL72 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL75 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL76 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL77 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL78 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL79 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL80 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL82 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL83 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL84   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 10:52:40

PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL86 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL88 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL89 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL90 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL91 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL97        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL98        ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL99        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL101 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL102       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL103       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL106       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL120       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL121       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL122       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                     PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
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```
 SOURCE ID = VOL123       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:52:40

                      PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL124       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL129 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);

(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);

(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,
723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8,
723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3,
699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	11.16746	(12022716)	493409.97	3761986.39	16.10454	(12022716)
493417.46	3761972.99	17.11329	(12022716)	493468.31	3761958.40	18.31967	(12022716)
493499.84	3761947.37	18.09571	(12022716)	493614.36	3761892.81	22.30578	(12022716)
493613.66	3761905.05	21.22385	(12022716)	493614.36	3761917.12	19.98802	(12022716)
493614.36	3761927.44	18.97839	(12022716)	493613.31	3761940.20	17.82863	(12022716)
493616.46	3761952.10	16.83792	(12022716)	493615.23	3761961.71	16.13839	(12022716)
493614.53	3761973.78	15.35413	(12022716)	493614.01	3761984.98	14.71472	(12022716)
493613.66	3761996.52	14.15614	(12022716)	493614.18	3762007.36	13.69352	(12022716)
493615.76	3762018.56	13.26030	(12022716)	493614.71	3762025.73	12.99846	(12022716)
493614.36	3762035.00	12.68253	(12022716)	493613.13	3762043.74	12.40595	(12022716)
493613.66	3762052.14	12.14947	(12022716)	493613.83	3762061.58	11.87534	(12022716)
493614.18	3762071.55	11.59791	(12022716)	493696.46	3761742.53	18.95549	(12022716)
493707.35	3761768.92	17.29412	(12022716)	493727.98	3761742.80	14.67743	(12022716)
493755.61	3761733.69	11.56008	(12022716)	493750.48	3761720.58	11.62848	(12022716)
493745.92	3761709.48	11.70539	(12022716)	493741.37	3761696.95	11.75954	(12022716)

493738.52 3761681.00 11.65285 (12022716) 493737.38
3761663.91 11.49238 (12022716)
493736.52 3761651.38 11.53436 (12022716) 494418.08
3761416.13 10.74576 (12121716)
494473.73 3761368.11 12.07091 (12022716) 494939.85
3761394.35 3.63711 (12121716)
494686.37 3761403.42 5.29854 (12121716) 494575.98
3761568.60 4.38747 (12022716)
494541.49 3761602.79 4.95093 (12022716) 494822.53
3761435.24 3.87243 (12121716)
494846.18 3761504.63 3.00756 (12121716) 494841.06
3761535.78 2.73749 (12121716)
494837.90 3761553.12 2.68097 (16112816) 494885.61
3761199.09 5.15391 (12121716)
494976.68 3761325.65 4.21036 (12121716) 494985.35
3761366.25 3.73924 (12121716)
495070.90 3761299.23 3.57981 (12121716) 495115.47
3760632.60 5.23475 (12121716)
495069.03 3760685.30 5.83572 (12121716) 495087.55
3760728.31 6.16990 (12121716)
495079.90 3760834.52 6.31929 (12121716) 495202.38
3760883.65 5.96340 (12121716)
495237.63 3760939.31 5.65972 (12121716) 495298.45
3761048.56 4.82230 (12121716)
490844.43 3759375.83 1.15758 (12021516) 490895.79
3759357.70 1.23591 (12021516)
490596.67 3759246.67 0.98267 (12021516) 489103.59
3759859.22 0.75820 (15122215)
488940.48 3759893.26 0.76204 (15122215) 488472.34
3759865.64 0.75521 (15122215)
488432.53 3759884.27 0.76046 (16012009) 488713.15
3759827.76 0.75515 (15122215)
487562.29 3760285.62 0.80042 (14120216) 487809.35
3760420.86 0.82394 (14120216)
487553.10 3761208.24 1.13020 (16102416) 487899.76
3760972.40 1.01559 (16102416)
487983.18 3762301.23 1.50207 (16123016) 487913.66
3762403.25 1.51968 (16123016)
487890.59 3762238.09 1.43766 (16123016) 488190.14
3762513.88 1.56531 (16123016)
488424.39 3762586.51 1.55524 (16123016) 488657.54
3762495.87 1.67836 (16123016)
488908.17 3762583.23 1.64821 (16123016) 489170.26
3762660.77 1.56918 (16123016)
489382.17 3762809.64 1.39396 (14120316) 489294.91
3762783.65 1.38559 (12012316)
489889.72 3762661.22 1.86755 (14120316) 490022.93
3762783.29 2.48318 (14120316)
490423.96 3762839.25 3.70113 (14120316) 490375.94
3762870.37 3.59841 (14120316)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,

VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	4.76557	(14120316)	491132.33	3762903.51	5.05952	(14120316)
492828.06	3762200.49	10.87284	(16121516)	492961.55	3762258.51	6.52682	(13010916)
493033.99	3762272.60	6.34237	(16112816)	493032.31	3762205.18	6.09137	(14123016)
493087.32	3762215.25	5.78756	(14123016)	493079.94	3762296.41	5.85154	(16112816)
493163.79	3762367.18	4.24394	(14123016)	493068.87	3762510.05	5.18570	(12022716)
493101.07	3762454.71	4.98009	(16112816)	493281.84	3762369.19	4.04889	(14123016)
493351.51	3762095.42	8.49322	(12022716)	493439.48	3762105.84	9.84495	(12022716)
493972.90	3763044.23	3.25856	(13121916)	493957.03	3763184.09	2.93712	(13121916)
493583.55	3763480.45	2.38932	(12022716)	493258.47	3763568.15	2.68055	(12022716)
492895.78	3763485.72	2.70920	(12022716)	493781.01	3761659.05	10.95216	(12121716)
493797.63	3761658.35	10.53893	(12121716)	493831.94	3761631.47	10.39541	(12121716)
493900.20	3761664.01	8.25577	(12121716)	493918.59	3761666.13	7.92263	(12121716)
493929.55	3761662.24	7.79594	(12121716)	493945.82	3761667.90	7.43157	(12121716)
493758.37	3761524.30	11.90343	(12121716)	493961.03	3761672.85	7.11769	(12121716)
493975.18	3761679.57	6.81062	(12121716)	493987.55	3761687.70	6.45980	(12121716)
493998.87	3761697.25	6.12472	(12121716)	494007.71	3761707.51	5.90117	(16112816)
494016.91	3761718.12	5.82594	(16112816)	494024.69	3761730.85	5.68324	(16112816)
492955.24	3762130.13	7.09662	(12121716)	492955.24	3761996.30	11.50696	(14120316)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN
MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR,	NETWORK

ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Cons PM10\15218
Ph1 Cons PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Cons PM10.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
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LOCATION VOL64	VOLUME	494299.890	3761440.813	720.200
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL73	VOLUME	492653.133	3762004.898	692.950
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491861.261	3762124.498	685.420
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	492825.779	3761472.781	683.550
LOCATION VOL93	VOLUME	492967.447	3761484.753	687.340
LOCATION VOL94	VOLUME	492845.732	3761335.103	686.260
LOCATION VOL95	VOLUME	492957.471	3761347.075	682.030
LOCATION VOL96	VOLUME	493053.247	3761341.089	681.650
LOCATION VOL97	VOLUME	492857.704	3761195.429	687.650
LOCATION VOL98	VOLUME	492859.699	3761137.564	695.600
LOCATION VOL99	VOLUME	492951.485	3761205.406	673.090
LOCATION VOL100	VOLUME	493055.242	3761201.415	681.890
LOCATION VOL101	VOLUME	492999.373	3761127.588	677.270
LOCATION VOL102	VOLUME	492987.401	3760985.919	666.300
LOCATION VOL103	VOLUME	492843.737	3760985.919	681.780
LOCATION VOL104	VOLUME	492702.068	3760977.938	698.980
LOCATION VOL105	VOLUME	492558.404	3760973.947	697.920
LOCATION VOL106	VOLUME	492488.567	3761099.653	696.880
LOCATION VOL107	VOLUME	492484.576	3761239.327	698.820
LOCATION VOL108	VOLUME	492484.576	3761375.009	683.390
LOCATION VOL109	VOLUME	492512.511	3761498.720	678.640
LOCATION VOL110	VOLUME	492638.217	3761522.664	684.350
LOCATION VOL111	VOLUME	492735.988	3761530.645	683.000
LOCATION VOL112	VOLUME	493466.281	3761650.366	709.230
LOCATION VOL113	VOLUME	493609.945	3761660.342	697.620
LOCATION VOL114	VOLUME	493635.885	3761530.645	689.730
LOCATION VOL115	VOLUME	493697.740	3761396.958	687.940
LOCATION VOL116	VOLUME	493536.118	3761806.002	707.000
LOCATION VOL117	VOLUME	493402.430	3761815.978	709.730
LOCATION VOL118	VOLUME	493061.228	3761839.922	707.880
LOCATION VOL119	VOLUME	492923.550	3761867.857	695.860
LOCATION VOL120	VOLUME	492783.876	3761903.773	696.290
LOCATION VOL121	VOLUME	494266.597	3761195.116	700.290
LOCATION VOL122	VOLUME	494394.112	3761261.275	719.950
LOCATION VOL123	VOLUME	494442.000	3760953.994	701.880
LOCATION VOL124	VOLUME	494499.865	3760866.199	700.670
LOCATION VOL125	VOLUME	491616.605	3762019.503	684.240
LOCATION VOL126	VOLUME	491640.549	3762141.218	684.320
LOCATION VOL127	VOLUME	491758.274	3762171.148	686.490
LOCATION VOL128	VOLUME	491582.685	3762278.896	683.100
LOCATION VOL129	VOLUME	491540.783	3762416.574	667.010

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   LOCATION VOL130       VOLUME     491672.475  3762478.430      680.300
   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION PAREA1       AREAPOLY   494381.693  3760940.545      698.620
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
   LOCATION VOL134       VOLUME     493756.133  3761285.416      684.640
   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
** Source Parameters **
   SRCPARAM VOL4         0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL5         0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL6         0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL7         0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL8         0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL9         0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL10        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL11        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL16        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL17        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL18        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL19        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL20        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL21        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL22        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL23        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL24        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL25        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL26        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL30        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL31        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL35        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL36        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL37        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL46        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL47        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL48        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL63        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL64        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL65        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL66        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL67        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL68        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL69        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL70        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL71        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL72        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL73        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL74        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL75        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL76        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL77        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL78        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL79        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL80        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL81        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL82        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL83        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL84        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL85        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL86        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL87        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL88        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL89        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL90        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL91        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL92        0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL93        0.0009292344     5.000    31.816     1.400
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SRCPARAM VOL94        0.0009292344     5.000    31.816     1.400
SRCPARAM VOL95        0.0009292344     5.000    31.816     1.400
SRCPARAM VOL96        0.0009292344     5.000    31.816     1.400
SRCPARAM VOL97        0.0009292344     5.000    31.816     1.400
SRCPARAM VOL98        0.0009292344     5.000    31.816     1.400
SRCPARAM VOL99        0.0009292344     5.000    31.816     1.400
SRCPARAM VOL100       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL101       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL102       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL103       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL104       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL105       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL106       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL107       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL108       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL109       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL110       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL111       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL112       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL113       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL114       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL115       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL116       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL117       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL118       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL119       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL120       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL121       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL122       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL123       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL124       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL125       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL126       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL127       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL128       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL129       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL130       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL131       0.0009292344     5.000    31.816     1.400
SRCPARAM VOL132       0.0009292344     5.000    31.816     1.400
SRCPARAM PAREA1       1.2512E-07     0.000      127     1.000
AREAVERT PAREA1       494381.693 3760940.545 494361.008 3760905.540
AREAVERT PAREA1       494288.976 3760916.073 494268.723 3760889.629
AREAVERT PAREA1       494194.955 3760923.580 494248.751 3760958.534
AREAVERT PAREA1       494340.296 3761014.634 494252.056 3761153.322
AREAVERT PAREA1       494194.261 3761174.405 494037.881 3761154.819
AREAVERT PAREA1       493872.714 3761195.574 493723.984 3761303.884
AREAVERT PAREA1       493701.916 3761333.387 493668.867 3761328.780
AREAVERT PAREA1       493449.292 3761161.712 493345.868 3761098.067
AREAVERT PAREA1       493239.263 3761042.377 493169.154 3761026.565
AREAVERT PAREA1       493140.780 3761008.050 493111.972 3760999.417
AREAVERT PAREA1       493058.774 3760988.731 493055.693 3761033.341
AREAVERT PAREA1       493044.033 3761065.818 492789.962 3761080.896
AREAVERT PAREA1       492780.493 3761451.736 492751.296 3761455.853
AREAVERT PAREA1       492752.318 3761541.214 492821.404 3761543.105
AREAVERT PAREA1       492936.180 3761558.571 492997.472 3761550.397
AREAVERT PAREA1       493182.728 3761527.755 493261.539 3761516.534
AREAVERT PAREA1       493342.686 3761557.903 493387.238 3761599.272
AREAVERT PAREA1       493414.287 3761572.223 493433.380 3761562.676
AREAVERT PAREA1       493444.518 3761309.687 493416.525 3761282.257
AREAVERT PAREA1       493425.227 3761171.160 493538.395 3761257.180
AREAVERT PAREA1       493632.271 3761327.189 493668.867 3761347.874
AREAVERT PAREA1       493611.587 3761468.800 493582.946 3761616.775
AREAVERT PAREA1       493576.582 3761664.509 493500.208 3761654.962
AREAVERT PAREA1       493403.149 3761589.726 493387.238 3761600.863
AREAVERT PAREA1       493452.474 3761666.100 493546.351 3761688.375
AREAVERT PAREA1       493571.809 3761691.558 493574.991 3761844.306
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   AREAVERT PAREA1       493314.046 3761852.262 493328.366 3761739.292
   AREAVERT PAREA1       493323.593 3761702.696 493315.637 3761680.420
   AREAVERT PAREA1       493302.908 3761664.509 493279.041 3761667.691
   AREAVERT PAREA1       493253.583 3761656.553 493223.351 3761650.188
   AREAVERT PAREA1       493097.652 3761667.691 493134.248 3761849.079
   AREAVERT PAREA1       492970.362 3761852.262 492823.978 3761864.991
   AREAVERT PAREA1       492668.048 3761941.365 492621.905 3761963.641
   AREAVERT PAREA1       492559.851 3761974.779 492453.245 3761970.005
   AREAVERT PAREA1       492359.369 3761925.454 492287.768 3761866.582
   AREAVERT PAREA1       492185.936 3761810.892 492031.596 3761774.296
   AREAVERT PAREA1       491672.001 3761694.740 491557.440 3761653.371
   AREAVERT PAREA1       491536.755 3761674.055 491524.026 3761720.198
   AREAVERT PAREA1       491527.209 3761763.159 491566.987 3761853.853
   AREAVERT PAREA1       491622.676 3761950.912 491858.163 3761960.458
   AREAVERT PAREA1       491854.981 3762157.758 491727.691 3762164.123
   AREAVERT PAREA1       491630.632 3762140.256 491592.445 3762310.507
   AREAVERT PAREA1       491729.282 3762343.920 491751.558 3762483.940
   AREAVERT PAREA1       492259.128 3762351.876 492349.822 3762334.374
   AREAVERT PAREA1       492830.343 3762334.374 492866.939 3762313.689
   AREAVERT PAREA1       492852.619 3762291.413 492817.614 3762259.591
   AREAVERT PAREA1       492774.653 3762227.768 492771.471 3762218.221
   AREAVERT PAREA1       492704.644 3762208.674 492677.594 3762186.399
   AREAVERT PAREA1       492605.994 3762124.345 492543.940 3762055.926
   AREAVERT PAREA1       492528.028 3762016.148 492561.442 3762012.966
   AREAVERT PAREA1       492637.816 3761990.690 492738.057 3761936.592
   AREAVERT PAREA1       492835.116 3761898.404 492954.451 3761884.084
   AREAVERT PAREA1       493368.144 3761876.129 493605.222 3761876.129
   AREAVERT PAREA1       493609.996 3761615.184 493659.321 3761465.617
   AREAVERT PAREA1       493713.419 3761344.692 493793.228 3761293.675
   AREAVERT PAREA1       493880.488 3761341.509 493916.680 3761379.092
   AREAVERT PAREA1       493979.110 3761332.641 494001.161 3761317.390
   AREAVERT PAREA1       494029.953 3761315.648 494080.818 3761329.817
   AREAVERT PAREA1       494188.965 3761331.408 494182.802 3761432.204
   AREAVERT PAREA1       494198.713 3761476.755 494233.718 3761500.622
   AREAVERT PAREA1       494338.581 3761511.357 494366.234 3761456.581
   AREAVERT PAREA1       494379.749 3761376.061 494214.322 3761345.779
   AREAVERT PAREA1       494277.816 3761186.767 494434.884 3760975.197
   AREAVERT PAREA1       494380.102 3760945.318
   SRCPARAM VOL133       0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL134       0.0009292344     5.000    31.816     1.400
   SRCPARAM VOL135       0.0009292344     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL69        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL70        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL71        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL72        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL73        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL74        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL75        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL76        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL77        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL78        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL79        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL80        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL81        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL82        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL83        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL84        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL85        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL86        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL87        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL88        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL89        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL90        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL91        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Cons PM10.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
```

```
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH1 CONS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph1 Cons PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1847       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1847       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   101 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

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     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:    101 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    100 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph1 Cons
 PM10.err
 **File for Summary of Results:   15218 Ph1 Cons
 PM10.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                      PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
```

(METERS) BY

- - - -

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
VOL67	0	0.92923E-03	491836.8	3762255.5	683.4	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL68	0	0.92923E-03	492112.2	3762179.4	689.5	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL69	0	0.92923E-03	491694.4	3762248.6	690.2	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL70	0	0.92923E-03	492517.7	3762136.8	695.7	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL71	0	0.92923E-03	492381.8	3762134.3	693.9	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL72	0	0.92923E-03	492248.5	3762143.5	690.0	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL73	0	0.92923E-03	492653.1	3762004.9	692.9	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL74	0	0.92923E-03	491979.9	3762077.8	692.8	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL75	0	0.92923E-03	491861.3	3762124.5	685.4	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL76	0	0.92923E-03	492112.2	3762045.6	687.6	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL77	0	0.92923E-03	492234.6	3761900.7	682.3	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL78	0	0.92923E-03	492517.7	3762002.9	686.1	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL79	0	0.92923E-03	492381.8	3762000.4	683.7	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL80	0	0.92923E-03	492248.5	3762009.6	684.6	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL81	0	0.92923E-03	492101.1	3761906.6	686.0	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL82	0	0.92923E-03	491981.9	3761950.4	678.8	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL83	0	0.92923E-03	491977.0	3761816.6	673.3	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL84	0	0.92923E-03	491928.4	3761984.5	688.2	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL85	0	0.92923E-03	491930.8	3761843.4	679.8	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL86	0	0.92923E-03	491794.5	3761889.6	686.2	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL87	0	0.92923E-03	491658.3	3761877.4	655.9	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL88	0	0.92923E-03	491835.9	3761787.4	683.2	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL89	0	0.92923E-03	491702.1	3761770.4	661.0	5.00	31.82	1.40	
YES	HRDOW	NO							

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 VOL90            0   0.92923E-03  491592.6 3761743.6   657.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL91            0   0.92923E-03  491801.8 3762386.9   675.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL92            0   0.92923E-03  492825.8 3761472.8   683.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL93            0   0.92923E-03  492967.4 3761484.8   687.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL94            0   0.92923E-03  492845.7 3761335.1   686.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL95            0   0.92923E-03  492957.5 3761347.1   682.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL96            0   0.92923E-03  493053.2 3761341.1   681.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL97            0   0.92923E-03  492857.7 3761195.4   687.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL98            0   0.92923E-03  492859.7 3761137.6   695.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL99            0   0.92923E-03  492951.5 3761205.4   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL100           0   0.92923E-03  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL101           0   0.92923E-03  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL102           0   0.92923E-03  492987.4 3760985.9   666.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL103           0   0.92923E-03  492843.7 3760985.9   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL104           0   0.92923E-03  492702.1 3760977.9   699.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL105           0   0.92923E-03  492558.4 3760973.9   697.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL106           0   0.92923E-03  492488.6 3761099.7   696.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL107           0   0.92923E-03  492484.6 3761239.3   698.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL108           0   0.92923E-03  492484.6 3761375.0   683.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL109           0   0.92923E-03  492512.5 3761498.7   678.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL110           0   0.92923E-03  492638.2 3761522.7   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL111           0   0.92923E-03  492736.0 3761530.6   683.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL112           0   0.92923E-03  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL113           0   0.92923E-03  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL114           0   0.92923E-03  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL115           0   0.92923E-03  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
```

SOURCE ID	SCALAR VARY CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
VOL116	0	0.92923E-03	493536.1	3761806.0	707.0	5.00	31.82	1.40	YES HRDOW
VOL117	0	0.92923E-03	493402.4	3761816.0	709.7	5.00	31.82	1.40	YES HRDOW
VOL118	0	0.92923E-03	493061.2	3761839.9	707.9	5.00	31.82	1.40	YES HRDOW
VOL119	0	0.92923E-03	492923.5	3761867.9	695.9	5.00	31.82	1.40	YES HRDOW
VOL120	0	0.92923E-03	492783.9	3761903.8	696.3	5.00	31.82	1.40	YES HRDOW
VOL121	0	0.92923E-03	494266.6	3761195.1	700.3	5.00	31.82	1.40	YES HRDOW
VOL122	0	0.92923E-03	494394.1	3761261.3	719.9	5.00	31.82	1.40	YES HRDOW
VOL123	0	0.92923E-03	494442.0	3760954.0	701.9	5.00	31.82	1.40	YES HRDOW
VOL124	0	0.92923E-03	494499.9	3760866.2	700.7	5.00	31.82	1.40	YES HRDOW
VOL125	0	0.92923E-03	491616.6	3762019.5	684.2	5.00	31.82	1.40	YES HRDOW
VOL126	0	0.92923E-03	491640.5	3762141.2	684.3	5.00	31.82	1.40	YES HRDOW
VOL127	0	0.92923E-03	491758.3	3762171.1	686.5	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.92923E-03	491582.7	3762278.9	683.1	5.00	31.82	1.40	YES HRDOW
VOL129	0	0.92923E-03	491540.8	3762416.6	667.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.92923E-03	491672.5	3762478.4	680.3	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.92923E-03	491542.8	3762512.3	678.7	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.92923E-03	494202.6	3761397.0	715.8	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.92923E-03	494312.7	3760935.8	695.0	5.00	31.82	1.40	YES HRDOW
VOL134	0	0.92923E-03	493756.1	3761285.4	684.6	5.00	31.82	1.40	YES HRDOW
VOL135	0	0.92923E-03	491584.8	3761865.1	668.3	5.00	31.82	1.40	YES HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	SCALAR VARY BY

```
 PAREA1           0   0.12512E-06  494381.7 3760940.5   698.6     0.00     127         1.00
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***        09:16:23

                     PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------


  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,

             VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
             VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,

             VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
             VOL122      , VOL123      ,

             VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
             VOL130      , VOL131      ,

             VOL132      , PAREA1      , VOL133      , VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***        09:16:23

                     PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                 SOURCE IDs
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             2189641.   VOL4        , VOL5        , VOL6        , VOL7        , VOL8        ,
             VOL9        , VOL10       ,
VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,

             VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
             VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,

             VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
             VOL122      , VOL123      ,

             VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
             VOL130      , VOL131      ,

             VOL132      , PAREA1      , VOL133      , VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:16:23

                     PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

(HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                      PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                      PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL35        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL71 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL74 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:16:23

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL75 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL76 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL77 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                      PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL78        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                      PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL79        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL80 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL82 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL83   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL85 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL87 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL88 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL89 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL90 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL97 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:16:23

                      PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL98        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:16:23
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:16:23

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL101 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL102 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL103 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL105       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL112       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL113       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL117   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL118   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL119       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL120       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL121       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                     PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL122       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                      PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL123       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);

(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);

(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5

```
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:16:23

                      PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                  VOL6        , VOL7        , VOL8        ,
                    VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                    VOL18       , VOL19       , VOL20       ,
                    VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                    VOL26       , VOL30       , VOL31       ,
                    VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                    VOL48       , VOL63       ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN
                                    MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
        493343.85   3762037.28        0.10392  (13121924)               493409.97
        3761986.39        0.13330  (12022724)
        493417.46   3761972.99        0.13990  (12022724)               493468.31
        3761958.40        0.13750  (12022724)
        493499.84   3761947.37        0.13568  (12022724)               493614.36
        3761892.81        0.14645  (13112024)
        493613.66   3761905.05        0.12679  (13112024)               493614.36
        3761917.12        0.11649  (12022724)
        493614.36   3761927.44        0.11000  (12022724)               493613.31
        3761940.20        0.10364  (12022724)
        493616.46   3761952.10        0.09746  (12022724)               493615.23
        3761961.71        0.09404  (12022724)
        493614.53   3761973.78        0.09010  (12022724)               493614.01
        3761984.98        0.08687  (12022724)
        493613.66   3761996.52        0.08411  (12022724)               493614.18
        3762007.36        0.08168  (12022724)
        493615.76   3762018.56        0.07925  (12022724)               493614.71
        3762025.73        0.07811  (12022724)
        493614.36   3762035.00        0.07661  (12022724)               493613.13
        3762043.74        0.07546  (12022724)
        493613.66   3762052.14        0.07416  (12022724)               493613.83
        3762061.58        0.07285  (12022724)
```

493614.18 3762071.55 0.07153 (12022724) 493696.46
3761742.53 0.13701 (13112024)
493707.35 3761768.92 0.12308 (13112024) 493727.98
3761742.80 0.11275 (13112024)
493755.61 3761733.69 0.09917 (13112024) 493750.48
3761720.58 0.10361 (13112024)
493745.92 3761709.48 0.10769 (13112024) 493741.37
3761696.95 0.11269m (15123124)
493738.52 3761681.00 0.11817m (15123124) 493737.38
3761663.91 0.12280m (15123124)
493736.52 3761651.38 0.12614m (15123124) 494418.08
3761416.13 0.16361 (12042324)
494473.73 3761368.11 0.12169 (12042324) 494939.85
3761394.35 0.05336 (15012024)
494686.37 3761403.42 0.06235 (15012024) 494575.98
3761568.60 0.05758 (16112824)
494541.49 3761602.79 0.05200 (15012024) 494822.53
3761435.24 0.05492 (15012024)
494846.18 3761504.63 0.05102 (15012024) 494841.06
3761535.78 0.04967 (15012024)
494837.90 3761553.12 0.04890 (15012024) 494885.61
3761199.09 0.06217 (15012024)
494976.68 3761325.65 0.05451 (15012024) 494985.35
3761366.25 0.05297 (15012024)
495070.90 3761299.23 0.05285 (15012024) 495115.47
3760632.60 0.07234 (16122224)
495069.03 3760685.30 0.07429 (16122224) 495087.55
3760728.31 0.07281 (16122224)
495079.90 3760834.52 0.06588 (16122224) 495202.38
3760883.65 0.06006 (14013024)
495237.63 3760939.31 0.05713 (14013024) 495298.45
3761048.56 0.05092 (15012024)
490844.43 3759375.83 0.02760 (13012524) 490895.79
3759357.70 0.02707 (13012524)
490596.67 3759246.67 0.02636 (13012524) 489103.59
3759859.22 0.03332 (13012524)
488940.48 3759893.26 0.03297 (13012524) 488472.34
3759865.64 0.03089 (13012524)
488432.53 3759884.27 0.03050 (13012524) 488713.15
3759827.76 0.03217 (13012524)
487562.29 3760285.62 0.01915 (15122224) 487809.35
3760420.86 0.01946 (15122224)
487553.10 3761208.24 0.01780 (13012224) 487899.76
3760972.40 0.01904 (13012224)
487983.18 3762301.23 0.03030m (13123124) 487913.66
3762403.25 0.03072m (13123124)
487890.59 3762238.09 0.02899m (13123124) 488190.14
3762513.88 0.03273m (13123124)
488424.39 3762586.51 0.03380m (13123124) 488657.54
3762495.87 0.03571m (13123124)
488908.17 3762583.23 0.03668m (13123124) 489170.26
3762660.77 0.03716m (13123124)
489382.17 3762809.64 0.03366m (13123124) 489294.91
3762783.65 0.03443m (13123124)
489889.72 3762661.22 0.03999m (13123124) 490022.93
3762783.29 0.03757 (15011224)
490423.96 3762839.25 0.05001 (14120324) 490375.94
3762870.37 0.04923 (14120324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.08877	(16010524)	491132.33	3762903.51	0.07679	(16010524)
492828.06	3762200.49	0.24371	(12042324)	492961.55	3762258.51	0.14563	(16011524)
493033.99	3762272.60	0.10476	(16011524)	493032.31	3762205.18	0.09824	(16011524)
493087.32	3762215.25	0.08594	(16011524)	493079.94	3762296.41	0.09532	(16112824)
493163.79	3762367.18	0.07952	(16112824)	493068.87	3762510.05	0.07063	(16112824)
493101.07	3762454.71	0.08451	(16112824)	493281.84	3762369.19	0.06435	(16112824)
493351.51	3762095.42	0.08375	(13121924)	493439.48	3762105.84	0.08059	(12022724)
493972.90	3763044.23	0.03138	(14012424)	493957.03	3763184.09	0.02894	(16122224)
493583.55	3763480.45	0.03412	(16122224)	493258.47	3763568.15	0.04079	(16122224)
492895.78	3763485.72	0.04644	(16122224)	493781.01	3761659.05	0.10315m	(15123124)
493797.63	3761658.35	0.09810m	(15123124)	493831.94	3761631.47	0.09316m	(15123124)
493900.20	3761664.01	0.07981	(16112824)	493918.59	3761666.13	0.07773	(16112824)
493929.55	3761662.24	0.07704	(16112824)	493945.82	3761667.90	0.07472	(16112824)
493758.37	3761524.30	0.12591m	(15123124)	493961.03	3761672.85	0.07284	(16112824)
493975.18	3761679.57	0.07126	(16112824)	493987.55	3761687.70	0.06964	(16112824)
493998.87	3761697.25	0.06812	(16112824)	494007.71	3761707.51	0.06666	(16112824)
494016.91	3761718.12	0.06509	(16112824)	494024.69	3761730.85	0.06376	(16112824)
492955.24	3762130.13	0.12051m	(15123124)	492955.24	3761996.30	0.13720	(13121924)

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.24371	ON 12042324: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:16:23

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1847 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1847 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Cons PM25\15218
Ph1 Cons PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Cons PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
```

LOCATION VOL64	VOLUME	494299.890	3761440.813	720.200
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL73	VOLUME	492653.133	3762004.898	692.950
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491861.261	3762124.498	685.420
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	492825.779	3761472.781	683.550
LOCATION VOL93	VOLUME	492967.447	3761484.753	687.340
LOCATION VOL94	VOLUME	492845.732	3761335.103	686.260
LOCATION VOL95	VOLUME	492957.471	3761347.075	682.030
LOCATION VOL96	VOLUME	493053.247	3761341.089	681.650
LOCATION VOL97	VOLUME	492857.704	3761195.429	687.650
LOCATION VOL98	VOLUME	492859.699	3761137.564	695.600
LOCATION VOL99	VOLUME	492951.485	3761205.406	673.090
LOCATION VOL100	VOLUME	493055.242	3761201.415	681.890
LOCATION VOL101	VOLUME	492999.373	3761127.588	677.270
LOCATION VOL102	VOLUME	492987.401	3760985.919	666.300
LOCATION VOL103	VOLUME	492843.737	3760985.919	681.780
LOCATION VOL104	VOLUME	492702.068	3760977.938	698.980
LOCATION VOL105	VOLUME	492558.404	3760973.947	697.920
LOCATION VOL106	VOLUME	492488.567	3761099.653	696.880
LOCATION VOL107	VOLUME	492484.576	3761239.327	698.820
LOCATION VOL108	VOLUME	492484.576	3761375.009	683.390
LOCATION VOL109	VOLUME	492512.511	3761498.720	678.640
LOCATION VOL110	VOLUME	492638.217	3761522.664	684.350
LOCATION VOL111	VOLUME	492735.988	3761530.645	683.000
LOCATION VOL112	VOLUME	493466.281	3761650.366	709.230
LOCATION VOL113	VOLUME	493609.945	3761660.342	697.620
LOCATION VOL114	VOLUME	493635.885	3761530.645	689.730
LOCATION VOL115	VOLUME	493697.740	3761396.958	687.940
LOCATION VOL116	VOLUME	493536.118	3761806.002	707.000
LOCATION VOL117	VOLUME	493402.430	3761815.978	709.730
LOCATION VOL118	VOLUME	493061.228	3761839.922	707.880
LOCATION VOL119	VOLUME	492923.550	3761867.857	695.860
LOCATION VOL120	VOLUME	492783.876	3761903.773	696.290
LOCATION VOL121	VOLUME	494266.597	3761195.116	700.290
LOCATION VOL122	VOLUME	494394.112	3761261.275	719.950
LOCATION VOL123	VOLUME	494442.000	3760953.994	701.880
LOCATION VOL124	VOLUME	494499.865	3760866.199	700.670
LOCATION VOL125	VOLUME	491616.605	3762019.503	684.240
LOCATION VOL126	VOLUME	491640.549	3762141.218	684.320
LOCATION VOL127	VOLUME	491758.274	3762171.148	686.490
LOCATION VOL128	VOLUME	491582.685	3762278.896	683.100
LOCATION VOL129	VOLUME	491540.783	3762416.574	667.010

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   LOCATION VOL130       VOLUME     491672.475  3762478.430      680.300
   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION PAREA1       AREAPOLY   494381.693  3760940.545      698.620
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
   LOCATION VOL134       VOLUME     493756.133  3761285.416      684.640
   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
** Source Parameters **
   SRCPARAM VOL4         0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL5         0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL6         0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL7         0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL8         0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL9         0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL10        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL11        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL16        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL17        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL18        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL19        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL20        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL21        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL22        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL23        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL24        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL25        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL26        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL30        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL31        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL35        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL36        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL37        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL46        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL47        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL48        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL63        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL64        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL65        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL66        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL67        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL68        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL69        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL70        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL71        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL72        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL73        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL74        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL75        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL76        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL77        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL78        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL79        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL80        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL81        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL82        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL83        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL84        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL85        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL86        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL87        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL88        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL89        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL90        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL91        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL92        0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL93        0.0008552106     5.000    31.816     1.400
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SRCPARAM VOL94        0.0008552106     5.000    31.816     1.400
SRCPARAM VOL95        0.0008552106     5.000    31.816     1.400
SRCPARAM VOL96        0.0008552106     5.000    31.816     1.400
SRCPARAM VOL97        0.0008552106     5.000    31.816     1.400
SRCPARAM VOL98        0.0008552106     5.000    31.816     1.400
SRCPARAM VOL99        0.0008552106     5.000    31.816     1.400
SRCPARAM VOL100       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL101       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL102       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL103       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL104       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL105       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL106       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL107       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL108       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL109       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL110       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL111       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL112       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL113       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL114       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL115       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL116       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL117       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL118       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL119       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL120       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL121       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL122       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL123       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL124       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL125       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL126       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL127       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL128       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL129       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL130       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL131       0.0008552106     5.000    31.816     1.400
SRCPARAM VOL132       0.0008552106     5.000    31.816     1.400
SRCPARAM PAREA1       3.3558E-08     0.000       127     1.000
AREAVERT PAREA1       494381.693 3760940.545 494361.008 3760905.540
AREAVERT PAREA1       494288.976 3760916.073 494268.723 3760889.629
AREAVERT PAREA1       494194.955 3760923.580 494248.751 3760958.534
AREAVERT PAREA1       494340.296 3761014.634 494252.056 3761153.322
AREAVERT PAREA1       494194.261 3761174.405 494037.881 3761154.819
AREAVERT PAREA1       493872.714 3761195.574 493723.984 3761303.884
AREAVERT PAREA1       493701.916 3761333.387 493668.867 3761328.780
AREAVERT PAREA1       493449.292 3761161.712 493345.868 3761098.067
AREAVERT PAREA1       493239.263 3761042.377 493169.154 3761026.565
AREAVERT PAREA1       493140.780 3761008.050 493111.972 3760999.417
AREAVERT PAREA1       493058.774 3760988.731 493055.693 3761033.341
AREAVERT PAREA1       493044.033 3761065.818 492789.962 3761080.896
AREAVERT PAREA1       492780.493 3761451.736 492751.296 3761455.853
AREAVERT PAREA1       492752.318 3761541.214 492821.404 3761543.105
AREAVERT PAREA1       492936.180 3761558.571 492997.472 3761550.397
AREAVERT PAREA1       493182.728 3761527.755 493261.539 3761516.534
AREAVERT PAREA1       493342.686 3761557.903 493387.238 3761599.272
AREAVERT PAREA1       493414.287 3761572.223 493433.380 3761562.676
AREAVERT PAREA1       493444.518 3761309.687 493416.525 3761282.257
AREAVERT PAREA1       493425.227 3761171.160 493538.395 3761257.180
AREAVERT PAREA1       493632.271 3761327.189 493668.867 3761347.874
AREAVERT PAREA1       493611.587 3761468.800 493582.946 3761616.775
AREAVERT PAREA1       493576.582 3761664.509 493500.208 3761654.962
AREAVERT PAREA1       493403.149 3761589.726 493387.238 3761600.863
AREAVERT PAREA1       493452.474 3761666.100 493546.351 3761688.375
AREAVERT PAREA1       493571.809 3761691.558 493574.991 3761844.306
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   AREAVERT PAREA1       493314.046 3761852.262 493328.366 3761739.292
   AREAVERT PAREA1       493323.593 3761702.696 493315.637 3761680.420
   AREAVERT PAREA1       493302.908 3761664.509 493279.041 3761667.691
   AREAVERT PAREA1       493253.583 3761656.553 493223.351 3761650.188
   AREAVERT PAREA1       493097.652 3761667.691 493134.248 3761849.079
   AREAVERT PAREA1       492970.362 3761852.262 492823.978 3761864.991
   AREAVERT PAREA1       492668.048 3761941.365 492621.905 3761963.641
   AREAVERT PAREA1       492559.851 3761974.779 492453.245 3761970.005
   AREAVERT PAREA1       492359.369 3761925.454 492287.768 3761866.582
   AREAVERT PAREA1       492185.936 3761810.892 492031.596 3761774.296
   AREAVERT PAREA1       491672.001 3761694.740 491557.440 3761653.371
   AREAVERT PAREA1       491536.755 3761674.055 491524.026 3761720.198
   AREAVERT PAREA1       491527.209 3761763.159 491566.987 3761853.853
   AREAVERT PAREA1       491622.676 3761950.912 491858.163 3761960.458
   AREAVERT PAREA1       491854.981 3762157.758 491727.691 3762164.123
   AREAVERT PAREA1       491630.632 3762140.256 491592.445 3762310.507
   AREAVERT PAREA1       491729.282 3762343.920 491751.558 3762483.940
   AREAVERT PAREA1       492259.128 3762351.876 492349.822 3762334.374
   AREAVERT PAREA1       492830.343 3762334.374 492866.939 3762313.689
   AREAVERT PAREA1       492852.619 3762291.413 492817.614 3762259.591
   AREAVERT PAREA1       492774.653 3762227.768 492771.471 3762218.221
   AREAVERT PAREA1       492704.644 3762208.674 492677.594 3762186.399
   AREAVERT PAREA1       492605.994 3762124.345 492543.940 3762055.926
   AREAVERT PAREA1       492528.028 3762016.148 492561.442 3762012.966
   AREAVERT PAREA1       492637.816 3761990.690 492738.057 3761936.592
   AREAVERT PAREA1       492835.116 3761898.404 492954.451 3761884.084
   AREAVERT PAREA1       493368.144 3761876.129 493605.222 3761876.129
   AREAVERT PAREA1       493609.996 3761615.184 493659.321 3761465.617
   AREAVERT PAREA1       493713.419 3761344.692 493793.228 3761293.675
   AREAVERT PAREA1       493880.488 3761341.509 493916.680 3761379.092
   AREAVERT PAREA1       493979.110 3761332.641 494001.161 3761317.390
   AREAVERT PAREA1       494029.953 3761315.648 494080.818 3761329.817
   AREAVERT PAREA1       494188.965 3761331.408 494182.802 3761432.204
   AREAVERT PAREA1       494198.713 3761476.755 494233.718 3761500.622
   AREAVERT PAREA1       494338.581 3761511.357 494366.234 3761456.581
   AREAVERT PAREA1       494379.749 3761376.061 494214.322 3761345.779
   AREAVERT PAREA1       494277.816 3761186.767 494434.884 3760975.197
   AREAVERT PAREA1       494380.102 3760945.318
   SRCPARAM VOL133       0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL134       0.0008552106     5.000    31.816     1.400
   SRCPARAM VOL135       0.0008552106     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL69        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL70        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL71        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL72        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL73        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL74        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL75        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL76        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL77        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL78        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL79        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL80        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL81        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL82        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL83        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL84        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL85        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL86        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL87        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL88        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL89        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL90        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL91        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Cons PM25.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
```

```
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH1 CONS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph1 Cons PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1847       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1847       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   101 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

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     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:    101 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    100 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph1 Cons
 PM25.err
 **File for Summary of Results:   15218 Ph1 Cons
 PM25.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:27:44

                      PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
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(METERS) BY

VOL4	0	0.85521E-03	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL5	0	0.85521E-03	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES HRDOW		NO						
VOL6	0	0.85521E-03	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES HRDOW		NO						
VOL7	0	0.85521E-03	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES HRDOW		NO						
VOL8	0	0.85521E-03	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES HRDOW		NO						
VOL9	0	0.85521E-03	493105.9	3761467.1	684.4	5.00	31.82	1.40
YES HRDOW		NO						
VOL10	0	0.85521E-03	493239.1	3761465.8	689.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL11	0	0.85521E-03	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL16	0	0.85521E-03	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES HRDOW		NO						
VOL17	0	0.85521E-03	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES HRDOW		NO						
VOL18	0	0.85521E-03	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES HRDOW		NO						
VOL19	0	0.85521E-03	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES HRDOW		NO						
VOL20	0	0.85521E-03	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES HRDOW		NO						
VOL21	0	0.85521E-03	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL22	0	0.85521E-03	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES HRDOW		NO						
VOL23	0	0.85521E-03	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL24	0	0.85521E-03	493893.2	3761268.9	696.5	5.00	31.82	1.40
YES HRDOW		NO						
VOL25	0	0.85521E-03	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES HRDOW		NO						
VOL26	0	0.85521E-03	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES HRDOW		NO						
VOL30	0	0.85521E-03	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES HRDOW		NO						
VOL31	0	0.85521E-03	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES HRDOW		NO						
VOL35	0	0.85521E-03	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES HRDOW		NO						
VOL36	0	0.85521E-03	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES HRDOW		NO						
VOL37	0	0.85521E-03	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES HRDOW		NO						
VOL46	0	0.85521E-03	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL47	0	0.85521E-03	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES HRDOW		NO						
VOL48	0	0.85521E-03	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES HRDOW		NO						
VOL63	0	0.85521E-03	494331.8	3761044.0	704.8	5.00	31.82	1.40
YES HRDOW		NO						
VOL64	0	0.85521E-03	494299.9	3761440.8	720.2	5.00	31.82	1.40
YES HRDOW		NO						
VOL65	0	0.85521E-03	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES HRDOW		NO						
VOL66	0	0.85521E-03	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES HRDOW		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL67	0	0.85521E-03	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES	HRDOW	NO						
VOL68	0	0.85521E-03	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES	HRDOW	NO						
VOL69	0	0.85521E-03	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES	HRDOW	NO						
VOL70	0	0.85521E-03	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES	HRDOW	NO						
VOL71	0	0.85521E-03	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES	HRDOW	NO						
VOL72	0	0.85521E-03	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL73	0	0.85521E-03	492653.1	3762004.9	692.9	5.00	31.82	1.40
YES	HRDOW	NO						
VOL74	0	0.85521E-03	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL75	0	0.85521E-03	491861.3	3762124.5	685.4	5.00	31.82	1.40
YES	HRDOW	NO						
VOL76	0	0.85521E-03	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL77	0	0.85521E-03	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL78	0	0.85521E-03	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES	HRDOW	NO						
VOL79	0	0.85521E-03	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES	HRDOW	NO						
VOL80	0	0.85521E-03	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL81	0	0.85521E-03	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL82	0	0.85521E-03	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL83	0	0.85521E-03	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL84	0	0.85521E-03	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES	HRDOW	NO						
VOL85	0	0.85521E-03	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL86	0	0.85521E-03	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES	HRDOW	NO						
VOL87	0	0.85521E-03	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES	HRDOW	NO						
VOL88	0	0.85521E-03	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES	HRDOW	NO						
VOL89	0	0.85521E-03	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES	HRDOW	NO						

```
 VOL90            0   0.85521E-03  491592.6 3761743.6   657.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL91            0   0.85521E-03  491801.8 3762386.9   675.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL92            0   0.85521E-03  492825.8 3761472.8   683.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL93            0   0.85521E-03  492967.4 3761484.8   687.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL94            0   0.85521E-03  492845.7 3761335.1   686.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL95            0   0.85521E-03  492957.5 3761347.1   682.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL96            0   0.85521E-03  493053.2 3761341.1   681.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL97            0   0.85521E-03  492857.7 3761195.4   687.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL98            0   0.85521E-03  492859.7 3761137.6   695.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL99            0   0.85521E-03  492951.5 3761205.4   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL100           0   0.85521E-03  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL101           0   0.85521E-03  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL102           0   0.85521E-03  492987.4 3760985.9   666.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL103           0   0.85521E-03  492843.7 3760985.9   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL104           0   0.85521E-03  492702.1 3760977.9   699.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL105           0   0.85521E-03  492558.4 3760973.9   697.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL106           0   0.85521E-03  492488.6 3761099.7   696.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL107           0   0.85521E-03  492484.6 3761239.3   698.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL108           0   0.85521E-03  492484.6 3761375.0   683.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL109           0   0.85521E-03  492512.5 3761498.7   678.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL110           0   0.85521E-03  492638.2 3761522.7   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL111           0   0.85521E-03  492736.0 3761530.6   683.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL112           0   0.85521E-03  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL113           0   0.85521E-03  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL114           0   0.85521E-03  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL115           0   0.85521E-03  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
```

SOURCE ID	SCALAR VARY CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
VOL116	0	0.85521E-03	493536.1	3761806.0	707.0	5.00	31.82	1.40	YES HRDOW
VOL117	0	0.85521E-03	493402.4	3761816.0	709.7	5.00	31.82	1.40	YES HRDOW
VOL118	0	0.85521E-03	493061.2	3761839.9	707.9	5.00	31.82	1.40	YES HRDOW
VOL119	0	0.85521E-03	492923.5	3761867.9	695.9	5.00	31.82	1.40	YES HRDOW
VOL120	0	0.85521E-03	492783.9	3761903.8	696.3	5.00	31.82	1.40	YES HRDOW
VOL121	0	0.85521E-03	494266.6	3761195.1	700.3	5.00	31.82	1.40	YES HRDOW
VOL122	0	0.85521E-03	494394.1	3761261.3	719.9	5.00	31.82	1.40	YES HRDOW
VOL123	0	0.85521E-03	494442.0	3760954.0	701.9	5.00	31.82	1.40	YES HRDOW
VOL124	0	0.85521E-03	494499.9	3760866.2	700.7	5.00	31.82	1.40	YES HRDOW
VOL125	0	0.85521E-03	491616.6	3762019.5	684.2	5.00	31.82	1.40	YES HRDOW
VOL126	0	0.85521E-03	491640.5	3762141.2	684.3	5.00	31.82	1.40	YES HRDOW
VOL127	0	0.85521E-03	491758.3	3762171.1	686.5	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.85521E-03	491582.7	3762278.9	683.1	5.00	31.82	1.40	YES HRDOW
VOL129	0	0.85521E-03	491540.8	3762416.6	667.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.85521E-03	491672.5	3762478.4	680.3	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.85521E-03	491542.8	3762512.3	678.7	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.85521E-03	494202.6	3761397.0	715.8	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.85521E-03	494312.7	3760935.8	695.0	5.00	31.82	1.40	YES HRDOW
VOL134	0	0.85521E-03	493756.1	3761285.4	684.6	5.00	31.82	1.40	YES HRDOW
VOL135	0	0.85521E-03	491584.8	3761865.1	668.3	5.00	31.82	1.40	YES HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	SCALAR VARY BY

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
	VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 ,
	VOL46 , VOL47 , VOL48 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 ,
	VOL68 , VOL69 , VOL70 , VOL71 , VOL72 , VOL73 , VOL74 , VOL75 ,
	VOL76 , VOL77 , VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
	VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
	VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
	VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
	VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
	VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
	VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
	VOL132 , PAREA1 , VOL133 , VOL134 , VOL135 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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             2189641.   VOL4        , VOL5        , VOL6        , VOL7        , VOL8        ,
             VOL9        , VOL10       ,
VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,

             VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
             VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,

             VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
             VOL122      , VOL123      ,

             VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
             VOL130      , VOL131      ,

             VOL132      , PAREA1      , VOL133      , VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:27:44

                     PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL7         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                      PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                      PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL25        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL26        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL35        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL71 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL74 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:27:44

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL75 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL76 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL77 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                      PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL78        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                      PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL79        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL80 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL82 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL83   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:27:44

PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL85 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL87 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL88 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL89 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL90 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL91 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:27:44

                     PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL98        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:27:44
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:27:44

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL101 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL102 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:27:44

PAGE 75
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL103 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:27:44

PAGE 76
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL105       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL112 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL117   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL118   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL121       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                     PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL122       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:27:44

                      PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL123       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);

(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);

(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5

```
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:27:44

                      PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                 VOL6        , VOL7        , VOL8        ,
                   VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                   VOL18       , VOL19       , VOL20       ,
                   VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                   VOL26       , VOL30       , VOL31       ,
                   VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                   VOL48       , VOL63       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_2.5   IN
                                      MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
        493343.85   3762037.28        0.05459  (12022724)               493409.97
        3761986.39        0.07048  (12022724)
        493417.46   3761972.99        0.07435  (12022724)               493468.31
        3761958.40        0.07481  (12022724)
        493499.84   3761947.37        0.07432  (12022724)               493614.36
        3761892.81        0.07366  (12022724)
        493613.66   3761905.05        0.06884  (12022724)               493614.36
        3761917.12        0.06413  (12022724)
        493614.36   3761927.44        0.06076  (12022724)               493613.31
        3761940.20        0.05730  (12022724)
        493616.46   3761952.10        0.05385  (12022724)               493615.23
        3761961.71        0.05189  (12022724)
        493614.53   3761973.78        0.04960  (12022724)               493614.01
        3761984.98        0.04771  (12022724)
        493613.66   3761996.52        0.04606  (12022724)               493614.18
        3762007.36        0.04460  (12022724)
        493615.76   3762018.56        0.04316  (12022724)               493614.71
        3762025.73        0.04244  (12022724)
        493614.36   3762035.00        0.04150  (12022724)               493613.13
        3762043.74        0.04075  (12022724)
        493613.66   3762052.14        0.03994  (12022724)               493613.83
        3762061.58        0.03911  (12022724)
```

493614.18 3762071.55 0.03827 (12022724) 493696.46
3761742.53 0.06692 (13112024)
493707.35 3761768.92 0.05949 (12042324) 493727.98
3761742.80 0.05652 (12042324)
493755.61 3761733.69 0.05104 (12042324) 493750.48
3761720.58 0.05436 (12042324)
493745.92 3761709.48 0.05766 (12042324) 493741.37
3761696.95 0.06173 (12042324)
493738.52 3761681.00 0.06625 (12042324) 493737.38
3761663.91 0.06964 (12042324)
493736.52 3761651.38 0.07159 (12042324) 494418.08
3761416.13 0.07955 (12042324)
494473.73 3761368.11 0.05836 (12042324) 494939.85
3761394.35 0.02131 (16011524)
494686.37 3761403.42 0.02956 (16011524) 494575.98
3761568.60 0.02569 (16112824)
494541.49 3761602.79 0.02372 (16112824) 494822.53
3761435.24 0.02325 (16011524)
494846.18 3761504.63 0.02021 (16011524) 494841.06
3761535.78 0.01947 (13111224)
494837.90 3761553.12 0.01939 (13111224) 494885.61
3761199.09 0.02613m (15123124)
494976.68 3761325.65 0.02048 (16011524) 494985.35
3761366.25 0.02037 (16011524)
495070.90 3761299.23 0.01964 (15012024) 495115.47
3760632.60 0.03014 (16122224)
495069.03 3760685.30 0.03092 (16122224) 495087.55
3760728.31 0.03028 (16122224)
495079.90 3760834.52 0.02755 (16122224) 495202.38
3760883.65 0.02441c (12121724)
495237.63 3760939.31 0.02301c (12121724) 495298.45
3761048.56 0.02044c (12121724)
490844.43 3759375.83 0.01182 (13012524) 490895.79
3759357.70 0.01163 (13012524)
490596.67 3759246.67 0.01133 (13012524) 489103.59
3759859.22 0.01284 (13012524)
488940.48 3759893.26 0.01253 (13012524) 488472.34
3759865.64 0.01146 (13012524)
488432.53 3759884.27 0.01130 (13012524) 488713.15
3759827.76 0.01210 (13012524)
487562.29 3760285.62 0.00814 (15122224) 487809.35
3760420.86 0.00835 (15122224)
487553.10 3761208.24 0.00592 (15122224) 487899.76
3760972.40 0.00730 (15122224)
487983.18 3762301.23 0.01064 (12121324) 487913.66
3762403.25 0.01006 (12121324)
487890.59 3762238.09 0.01069 (12121324) 488190.14
3762513.88 0.01037m (13123124)
488424.39 3762586.51 0.01073m (13123124) 488657.54
3762495.87 0.01138m (13123124)
488908.17 3762583.23 0.01176m (13123124) 489170.26
3762660.77 0.01206m (13123124)
489382.17 3762809.64 0.01124m (13123124) 489294.91
3762783.65 0.01139m (13123124)
489889.72 3762661.22 0.01349m (13123124) 490022.93
3762783.29 0.01395 (14120324)
490423.96 3762839.25 0.01998 (14120324) 490375.94
3762870.37 0.01959 (14120324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.04107	(16010524)	491132.33	3762903.51	0.03652	(16010524)
492828.06	3762200.49	0.10975	(12042324)	492961.55	3762258.51	0.06648	(16011524)
493033.99	3762272.60	0.04795	(16011524)	493032.31	3762205.18	0.04639	(16011524)
493087.32	3762215.25	0.04060	(16011524)	493079.94	3762296.41	0.04061	(16112824)
493163.79	3762367.18	0.03273	(15013024)	493068.87	3762510.05	0.02949	(16112824)
493101.07	3762454.71	0.03447	(16112824)	493281.84	3762369.19	0.02794	(15013024)
493351.51	3762095.42	0.04195	(12022724)	493439.48	3762105.84	0.04232	(12022724)
493972.90	3763044.23	0.01439	(14012424)	493957.03	3763184.09	0.01339	(16122224)
493583.55	3763480.45	0.01494	(16122224)	493258.47	3763568.15	0.01696	(16122224)
492895.78	3763485.72	0.01909	(16122224)	493781.01	3761659.05	0.05372	(12042324)
493797.63	3761658.35	0.04996	(12042324)	493831.94	3761631.47	0.04686c	(12121724)
493900.20	3761664.01	0.03852	(16112824)	493918.59	3761666.13	0.03744	(16112824)
493929.55	3761662.24	0.03704	(16112824)	493945.82	3761667.90	0.03593	(16112824)
493758.37	3761524.30	0.06345m	(15123124)	493961.03	3761672.85	0.03501	(16112824)
493975.18	3761679.57	0.03422	(16112824)	493987.55	3761687.70	0.03344	(16112824)
493998.87	3761697.25	0.03270	(16112824)	494007.71	3761707.51	0.03202	(16112824)
494016.91	3761718.12	0.03130	(16112824)	494024.69	3761730.85	0.03065	(16112824)
492955.24	3762130.13	0.05509	(12042324)	492955.24	3761996.30	0.07180	(13121924)

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.10975	ON 12042324: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 09:27:44

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1847 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1847 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Cons CO\15218
Ph2 Cons CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Cons CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL92        VOLUME     492131.209  3761283.446      684.740
   LOCATION VOL93        VOLUME     492405.396  3761167.060      697.630
   LOCATION VOL94        VOLUME     492989.765  3761059.418      667.250
   LOCATION VOL95        VOLUME     492406.875  3761303.706      693.800
   LOCATION VOL96        VOLUME     492264.580  3761164.382      686.740
   LOCATION VOL97        VOLUME     492262.221  3761065.742      678.880
   LOCATION VOL98        VOLUME     492851.027  3761061.620      685.880
   LOCATION VOL99        VOLUME     492268.137  3761302.950      695.440
   LOCATION VOL100       VOLUME     492734.376  3761330.737      695.130
   LOCATION VOL101       VOLUME     492732.017  3761189.211      696.100
   LOCATION VOL102       VOLUME     492714.491  3761063.823      701.170
   LOCATION VOL103       VOLUME     492700.960  3761466.348      683.000
   LOCATION VOL104       VOLUME     492600.042  3761332.939      685.130
   LOCATION VOL105       VOLUME     492597.683  3761191.413      696.620
   LOCATION VOL106       VOLUME     492580.157  3761066.025      698.940
   LOCATION VOL107       VOLUME     492562.190  3761461.155      684.110
   LOCATION VOL108       VOLUME     492544.987  3761317.524      683.050
   LOCATION VOL109       VOLUME     492542.629  3761175.998      698.260
   LOCATION VOL110       VOLUME     492406.794  3761031.384      681.780
   LOCATION VOL111       VOLUME     493157.846  3761044.961      679.560
   LOCATION VOL112       VOLUME     492547.645  3761006.352      698.000
   LOCATION VOL113       VOLUME     492686.384  3761006.352      700.840
   LOCATION VOL114       VOLUME     492827.324  3761010.756      686.200
   LOCATION VOL115       VOLUME     494155.246  3761385.129      718.090
   LOCATION VOL116       VOLUME     494005.497  3761391.736      716.150
   LOCATION VOL117       VOLUME     494278.568  3761268.413      705.410
   LOCATION VOL118       VOLUME     494351.241  3761308.052      709.780
   LOCATION VOL119       VOLUME     491794.496  3762014.956      683.700
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   LOCATION VOL120       VOLUME     491794.496  3762136.076      681.790
   LOCATION VOL121       VOLUME     491651.353  3762014.956      680.920
   LOCATION VOL122       VOLUME     491655.758  3762138.279      683.820
   LOCATION VOL123       VOLUME     491459.763  3761713.256      683.590
   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
** Source Parameters **
   SRCPARAM VOL92        0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL93        0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL94        0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL95        0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL96        0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL97        0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL98        0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL99        0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL100       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL101       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL102       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL103       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL104       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL105       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL106       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL107       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL108       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL109       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL110       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL111       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL112       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL113       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL114       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL115       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL116       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL117       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL118       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL119       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL120       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL121       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL122       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL123       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL124       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL125       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL126       0.0314994701     5.000    31.816     1.400
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   SRCPARAM VOL127       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL128       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL129       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL130       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL131       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL132       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL133       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL134       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL135       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL136       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL137       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL138       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL139       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL140       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL141       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL142       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL143       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL144       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL145       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL146       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL147       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL148       0.0314994701     5.000    31.816     1.400
   SRCPARAM VOL149       0.0314994701     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL136       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL137       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL138       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL139       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL140       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL141       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL142       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL143       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL144       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL145       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL146       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL147       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
```

```
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL148       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL149       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Cons CO.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
```

```
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH2 CONS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH2 CONS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph2 Cons CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1052       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1052       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:27:25

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    58 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
```

```
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:     58 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     58 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph2 Cons
 CO.err
 **File for Summary of Results:   15218 Ph2 Cons
 CO.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        14:27:25

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
```

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- - - -
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL124	0	0.31499E-01	491398.1	3761664.8	677.3	5.00	31.82	1.40	YES HRDOW
VOL125	0	0.31499E-01	491380.5	3761770.5	674.8	5.00	31.82	1.40	YES HRDOW
VOL126	0	0.31499E-01	491523.6	3761852.0	657.2	5.00	31.82	1.40	YES HRDOW
VOL127	0	0.31499E-01	491448.8	3761907.0	668.8	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.31499E-01	492778.9	3761534.9	683.6	5.00	31.82	1.40	YES HRDOW
VOL129	0	0.31499E-01	492911.0	3761534.9	684.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.31499E-01	493065.2	3761816.8	708.6	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.31499E-01	493058.6	3761717.7	705.2	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.31499E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.31499E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40	YES HRDOW
VOL134	0	0.31499E-01	491550.1	3761986.3	682.6	5.00	31.82	1.40	YES HRDOW
VOL135	0	0.31499E-01	491409.1	3761992.9	680.1	5.00	31.82	1.40	YES HRDOW
VOL136	0	0.31499E-01	491457.6	3762125.1	662.7	5.00	31.82	1.40	YES HRDOW
VOL137	0	0.31499E-01	491567.7	3762125.1	679.3	5.00	31.82	1.40	YES HRDOW
VOL138	0	0.31499E-01	491561.1	3762266.0	677.3	5.00	31.82	1.40	YES HRDOW
VOL139	0	0.31499E-01	491662.4	3762387.1	669.0	5.00	31.82	1.40	YES HRDOW
VOL140	0	0.31499E-01	492329.6	3762378.3	688.0	5.00	31.82	1.40	YES HRDOW
VOL141	0	0.31499E-01	492195.3	3762409.1	670.2	5.00	31.82	1.40	YES HRDOW
VOL142	0	0.31499E-01	492058.8	3762453.2	684.2	5.00	31.82	1.40	YES HRDOW
VOL143	0	0.31499E-01	492135.8	3762514.9	686.2	5.00	31.82	1.40	YES HRDOW
VOL144	0	0.31499E-01	491926.6	3762475.2	684.2	5.00	31.82	1.40	YES HRDOW
VOL145	0	0.31499E-01	491781.3	3762517.1	682.3	5.00	31.82	1.40	YES HRDOW
VOL146	0	0.31499E-01	491926.6	3762517.1	687.8	5.00	31.82	1.40	

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 YES   HRDOW           NO
 VOL147          0   0.31499E-01  492038.9 3762517.1   687.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL148          0   0.31499E-01  494205.9 3761460.0   714.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL149          0   0.31499E-01  491610.6 3762444.9   676.3     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:27:25

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
  VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,

             VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
             VOL122      , VOL123      ,

             VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
             VOL130      , VOL131      ,

             VOL132      , VOL133      , VOL134      , VOL135      , VOL136      , VOL137      ,
             VOL138      , VOL139      ,

             VOL140      , VOL141      , VOL142      , VOL143      , VOL144      , VOL145      ,
             VOL146      , VOL147      ,

             VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:27:25

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                 SOURCE IDs
  --------   ---------                                 ----------


              2189641.   VOL92       , VOL93       , VOL94       , VOL95       , VOL96       ,
              VOL97       , VOL98       ,
 VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,
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            VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
            VOL114      , VOL115      ,

            VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
            VOL122      , VOL123      ,

            VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
            VOL130      , VOL131      ,

            VOL132      , VOL133      , VOL134      , VOL135      , VOL136      , VOL137      ,
            VOL138      , VOL139      ,

            VOL140      , VOL141      , VOL142      , VOL143      , VOL144      , VOL145      ,
            VOL146      , VOL147      ,

            VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                      PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL92        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL93        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 14:27:25

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL97 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL98 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:27:25

                     PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL101       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:27:25

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL102 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL103 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL104   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL115       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL116       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL117       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL118       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                      PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL119       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL122 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL126       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL129 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL133       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL134       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL140       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL141       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL142       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                     PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL143       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                      PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL144       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL147 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL149 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);

(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);

(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WD	WS HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5

```
 12 01 01   1 05  -10.7  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
98.    9.1  284.9    5.5
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       14:27:25

                      PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL92       , VOL93       ,
                                 VOL94       , VOL95       , VOL96       ,
                    VOL97       , VOL98       , VOL99       , VOL100      , VOL101      ,
                    VOL102      , VOL103      , VOL104      ,
                    VOL105      , VOL106      , VOL107      , VOL108      , VOL109      ,
                    VOL110      , VOL111      , VOL112      ,
                    VOL113      , VOL114      , VOL115      , VOL116      , VOL117      ,
                    VOL118      , VOL119      ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	12.55919	(12022716)	493409.97	3761986.39	7.64398	(12022716)
493417.46	3761972.99	6.98273	(12022716)	493468.31	3761958.40	5.10914	(12022716)
493499.84	3761947.37	4.32668	(12022716)	493614.36	3761892.81	3.13490	(16112816)
493613.66	3761905.05	3.14655	(16112816)	493614.36	3761917.12	3.15316	(16112816)
493614.36	3761927.44	3.16627	(16112816)	493613.31	3761940.20	3.16100	(16112816)
493616.46	3761952.10	3.14866	(16112816)	493615.23	3761961.71	3.12467	(16112816)
493614.53	3761973.78	3.08426	(12022716)	493614.01	3761984.98	3.15351	(12022716)
493613.66	3761996.52	3.23222	(12022716)	493614.18	3762007.36	3.30281	(12022716)
493615.76	3762018.56	3.36819	(12022716)	493614.71	3762025.73	3.43530	(12022716)
493614.36	3762035.00	3.51418	(12022716)	493613.13	3762043.74	3.60427	(12022716)
493613.66	3762052.14	3.67128	(12022716)	493613.83	3762061.58	3.75531	(12022716)
493614.18	3762071.55	3.84513	(12022716)	493696.46	3761742.53	3.03770	(16112816)
493707.35	3761768.92	2.91025	(16112816)	493727.98	3761742.80	3.18020	(16112816)
493755.61	3761733.69	3.29731	(16112816)	493750.48	3761720.58	3.26958	(16112816)
493745.92	3761709.48	3.24667	(16112816)	493741.37	3761696.95	3.27916	(14120316)
493738.52	3761681.00	3.46115	(14120316)	493737.38	3761663.91	3.65428	(14120316)
493736.52	3761651.38	3.79275	(14120316)	494418.08	3761416.13	16.92109	(12022716)
494473.73	3761368.11	6.94391	(12022716)	494939.85	3761394.35	2.11315	(12121716)
494686.37	3761403.42	3.29216	(13010916)	494575.98	3761568.60	5.03511	(12022716)
494541.49	3761602.79	5.19490	(12022716)	494822.53	3761435.24	2.42237	(13010916)
494846.18	3761504.63	2.13731	(13010916)	494841.06	3761535.78	2.24145	(16112816)
494837.90	3761553.12	2.29588	(16112816)	494885.61	3761199.09	3.64268	(12121716)
494976.68	3761325.65	2.56780	(12121716)	494985.35	3761366.25	2.19146	(12121716)
495070.90	3761299.23	2.24882	(12121716)	495115.47	3760632.60	2.76159	(12121716)
495069.03	3760685.30	2.77378	(12121716)	495087.55	3760728.31	2.77110	(12121716)
495079.90	3760834.52	2.95300	(12121716)	495202.38	3760883.65	3.23399	(12121716)
495237.63	3760939.31	3.40087	(12121716)	495298.45	3761048.56	3.19206	(12121716)
490844.43	3759375.83	1.69576	(12021516)	490895.79	3759357.70	1.79151	(12021516)

490596.67 3759246.67 1.29760 (12021516) 489103.59
3759859.22 0.63242 (15122215)
488940.48 3759893.26 0.62802 (15122215) 488472.34
3759865.64 0.62803 (16012009)
488432.53 3759884.27 0.63319 (16012009) 488713.15
3759827.76 0.62061 (15122215)
487562.29 3760285.62 0.65676 (14120216) 487809.35
3760420.86 0.67334 (14120216)
487553.10 3761208.24 0.90340 (16102416) 487899.76
3760972.40 0.87913 (16102416)
487983.18 3762301.23 1.16574 (16123016) 487913.66
3762403.25 1.14001 (16123016)
487890.59 3762238.09 1.15153 (16123016) 488190.14
3762513.88 1.12110 (16123016)
488424.39 3762586.51 1.09046 (16123016) 488657.54
3762495.87 1.18464 (16123016)
488908.17 3762583.23 1.14789 (16123016) 489170.26
3762660.77 1.12999 (14120316)
489382.17 3762809.64 1.62323 (14120316) 489294.91
3762783.65 1.47369 (14120316)
489889.72 3762661.22 2.18159 (14120316) 490022.93
3762783.29 2.53044 (14120316)
490423.96 3762839.25 3.08965 (14120316) 490375.94
3762870.37 2.98774 (14120316)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL92 , VOL93 , VOL94 , VOL95 , VOL96 ,
VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
VOL102 , VOL103 , VOL104 ,
VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
VOL110 , VOL111 , VOL112 ,
VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
VOL118 , VOL119 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	4.84739	(14120316)	491132.33	3762903.51	3.69188	(14120316)
492890.84	3762203.51	4.69562	(12121716)	492961.55	3762258.51	3.82129	(12121716)
493033.99	3762272.60	5.33126	(13121916)	493032.31	3762205.18	5.54043	(13121916)
493087.32	3762215.25	6.36391	(13121916)	493079.94	3762296.41	5.43815	(13121916)
493163.79	3762367.18	3.35972	(12022716)	493068.87	3762510.05	3.28644	(13121916)
493101.07	3762454.71	3.93839	(13121916)	493281.84	3762369.19	5.23075	(12022716)
493351.51	3762095.42	12.50016	(12022716)	493439.48	3762105.84	8.97009	(12022716)

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       493972.90   3763044.23        2.73129  (12022716)                493957.03
       3763184.09        2.14408  (12022716)
       493583.55   3763480.45        1.13284  (13121916)                493258.47
       3763568.15        1.93623  (12022716)
       492895.78   3763485.72        3.48898  (12022716)                493781.01
       3761659.05        3.98010  (14120316)
       493797.63   3761658.35        4.06927  (14120316)                493831.94
       3761631.47        4.79158  (14120316)
       493900.20   3761664.01        4.06070  (14120316)                493918.59
       3761666.13        3.99951  (14120316)
       493929.55   3761662.24        4.12076  (14120316)                493945.82
       3761667.90        3.87533  (14120316)
       493758.37   3761524.30        5.13623  (14120316)                493961.03
       3761672.85        3.66519  (14120316)
       493975.18   3761679.57        3.44444  (14120316)                493987.55
       3761687.70        3.36287  (16112816)
       493998.87   3761697.25        3.33842  (16112816)                494007.71
       3761707.51        3.29327  (16112816)
       494016.91   3761718.12        3.25051  (16112816)                494024.69
       3761730.85        3.22527  (16112816)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:27:25

                    PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL92       , VOL93       ,
                               VOL94       , VOL95       , VOL96       ,
                  VOL97       , VOL98       , VOL99       , VOL100      , VOL101      ,
                  VOL102      , VOL103      , VOL104      ,
                  VOL105      , VOL106      , VOL107      , VOL108      , VOL109      ,
                  VOL110      , VOL111      , VOL112      ,
                  VOL113      , VOL114      , VOL115      , VOL116      , VOL117      ,
                  VOL118      , VOL119      ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF CO       IN
                                      MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
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      493614.36   3762035.00        0.84092  (16122216)                493613.13
      3762043.74        0.83542  (16122216)
      493613.66   3762052.14        0.82875  (16122216)                493613.83
      3762061.58        0.82164  (16122216)
      493614.18   3762071.55        0.81413  (16122216)                493696.46
      3761742.53        1.00383  (16122216)
      493707.35   3761768.92        0.97919  (16122216)                493727.98
      3761742.80        0.98750  (16122216)
      493755.61   3761733.69        0.98325  (16122216)                493750.48
      3761720.58        0.99907  (16010616)
      493745.92   3761709.48        1.02624  (16010616)                493741.37
      3761696.95        1.05502  (16010616)
      493738.52   3761681.00        1.09196  (16010616)                493737.38
      3761663.91        1.13073  (16010616)
      493736.52   3761651.38        1.15790  (16010616)                494418.08
      3761416.13        2.79364  (12022716)
      494473.73   3761368.11        3.10338  (16011516)                494939.85
      3761394.35        0.88736  (16011516)
      494686.37   3761403.42        1.35197  (16011516)                494575.98
      3761568.60        0.95009  (15013016)
      494541.49   3761602.79        0.93828  (12121816)                494822.53
      3761435.24        0.99255  (16011516)
      494846.18   3761504.63        0.84090  (16011516)                494841.06
      3761535.78        0.78675  (16011516)
      494837.90   3761553.12        0.75653  (16011516)                494885.61
      3761199.09        0.94609  (12042316)
      494976.68   3761325.65        0.83489  (16011516)                494985.35
      3761366.25        0.83682  (16011516)
      495070.90   3761299.23        0.73694  (16011516)                495115.47
      3760632.60        0.63220  (16122216)
      495069.03   3760685.30        0.64175  (16122216)                495087.55
      3760728.31        0.64810  (16122216)
      495079.90   3760834.52        0.64618  (16122216)                495202.38
      3760883.65        0.64885  (12121716)
      495237.63   3760939.31        0.66629  (12121716)                495298.45
      3761048.56        0.62959  (12121716)
      490844.43   3759375.83        0.40934  (13012516)                490895.79
      3759357.70        0.40039  (13012516)
      490596.67   3759246.67        0.39725  (13012516)                489103.59
      3759859.22        0.38198  (13012516)
      488940.48   3759893.26        0.36324  (13012516)                488472.34
      3759865.64        0.31637  (13012516)
      488432.53   3759884.27        0.31217  (15122216)                488713.15
      3759827.76        0.34321  (13012516)
      487562.29   3760285.62        0.28540  (15122216)                487809.35
      3760420.86        0.29830  (15122216)
      487553.10   3761208.24        0.25389  (15122216)                487899.76
      3760972.40        0.29163  (15122216)
      487983.18   3762301.23        0.31425  (16123016)                487913.66
      3762403.25        0.31260  (16123016)
      487890.59   3762238.09        0.30495  (12121316)                488190.14
      3762513.88        0.32626  (16123016)
      488424.39   3762586.51        0.33425  (16123016)                488657.54
      3762495.87        0.35803  (16123016)
      488908.17   3762583.23        0.37278  (12121316)                489170.26
      3762660.77        0.39007  (12121316)
      489382.17   3762809.64        0.37184  (12121316)                489294.91
      3762783.65        0.37321  (12121316)
      489889.72   3762661.22        0.50194  (16010616)                490022.93
      3762783.29        0.61375  (16010516)
      490423.96   3762839.25        0.90323  (16010516)                490375.94
      3762870.37        0.87425  (16010516)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       14:27:25
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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL92 , VOL93 , VOL94 , VOL95 , VOL96 ,
VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
VOL102 , VOL103 , VOL104 ,
VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
VOL110 , VOL111 , VOL112 ,
VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
VOL118 , VOL119 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.71667	(16010516)	491132.33	3762903.51	1.36956	(16010516)
492890.84	3762203.51	1.34179	(16122216)	492961.55	3762258.51	1.19946	(16122216)
493033.99	3762272.60	1.11273	(16122216)	493032.31	3762205.18	1.26067	(16122216)
493087.32	3762215.25	1.18357	(16122216)	493079.94	3762296.41	1.04417	(16122216)
493163.79	3762367.18	0.94030	(16122216)	493068.87	3762510.05	0.86447	(15013016)
493101.07	3762454.71	0.87562	(16122216)	493281.84	3762369.19	0.86357	(16122216)
493351.51	3762095.42	1.69304	(12022716)	493439.48	3762105.84	1.22227	(12022716)
493972.90	3763044.23	0.49052	(14012416)	493957.03	3763184.09	0.47022	(14012416)
493583.55	3763480.45	0.47627	(16122216)	493258.47	3763568.15	0.50744	(16122216)
492895.78	3763485.72	0.58159	(16122216)	493781.01	3761659.05	1.23092	(16010616)
493797.63	3761658.35	1.26445	(16010616)	493831.94	3761631.47	1.45920	(16010616)
493900.20	3761664.01	1.34198	(16010616)	493918.59	3761666.13	1.34043	(16010616)
493929.55	3761662.24	1.38089	(16010616)	493945.82	3761667.90	1.32452	(16010616)
493758.37	3761524.30	1.39816	(16010616)	493961.03	3761672.85	1.27623	(16010616)
493975.18	3761679.57	1.27858	(16122316)	493987.55	3761687.70	1.28098	(16122316)
493998.87	3761697.25	1.27510	(16122316)	494007.71	3761707.51	1.24858	(16122316)
494016.91	3761718.12	1.21295	(16122316)	494024.69	3761730.85	1.17745	(16122316)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	16.92109	ON 12022716: AT (494418.08, 3761416.13, 723.26, 723.26, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	3.10338	ON 16011516: AT (494473.73, 3761368.11, 723.51, 723.51, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)

A Total of   388 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   1052   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   1052   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/11/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Cons NOX\15218
Ph2 Cons NOX.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Cons NOX.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL92        VOLUME     492131.209  3761283.446      684.740
   LOCATION VOL93        VOLUME     492405.396  3761167.060      697.630
   LOCATION VOL94        VOLUME     492989.765  3761059.418      667.250
   LOCATION VOL95        VOLUME     492406.875  3761303.706      693.800
   LOCATION VOL96        VOLUME     492264.580  3761164.382      686.740
   LOCATION VOL97        VOLUME     492262.221  3761065.742      678.880
   LOCATION VOL98        VOLUME     492851.027  3761061.620      685.880
   LOCATION VOL99        VOLUME     492268.137  3761302.950      695.440
   LOCATION VOL100       VOLUME     492734.376  3761330.737      695.130
   LOCATION VOL101       VOLUME     492732.017  3761189.211      696.100
   LOCATION VOL102       VOLUME     492714.491  3761063.823      701.170
   LOCATION VOL103       VOLUME     492700.960  3761466.348      683.000
   LOCATION VOL104       VOLUME     492600.042  3761332.939      685.130
   LOCATION VOL105       VOLUME     492597.683  3761191.413      696.620
   LOCATION VOL106       VOLUME     492580.157  3761066.025      698.940
   LOCATION VOL107       VOLUME     492562.190  3761461.155      684.110
   LOCATION VOL108       VOLUME     492544.987  3761317.524      683.050
   LOCATION VOL109       VOLUME     492542.629  3761175.998      698.260
   LOCATION VOL110       VOLUME     492406.794  3761031.384      681.780
   LOCATION VOL111       VOLUME     493157.846  3761044.961      679.560
   LOCATION VOL112       VOLUME     492547.645  3761006.352      698.000
   LOCATION VOL113       VOLUME     492686.384  3761006.352      700.840
   LOCATION VOL114       VOLUME     492827.324  3761010.756      686.200
   LOCATION VOL115       VOLUME     494155.246  3761385.129      718.090
   LOCATION VOL116       VOLUME     494005.497  3761391.736      716.150
   LOCATION VOL117       VOLUME     494278.568  3761268.413      705.410
   LOCATION VOL118       VOLUME     494351.241  3761308.052      709.780
   LOCATION VOL119       VOLUME     491794.496  3762014.956      683.700
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   LOCATION VOL120       VOLUME     491794.496  3762136.076      681.790
   LOCATION VOL121       VOLUME     491651.353  3762014.956      680.920
   LOCATION VOL122       VOLUME     491655.758  3762138.279      683.820
   LOCATION VOL123       VOLUME     491459.763  3761713.256      683.590
   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
** Source Parameters **
   SRCPARAM VOL92        0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL93        0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL94        0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL95        0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL96        0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL97        0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL98        0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL99        0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL100       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL101       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL102       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL103       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL104       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL105       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL106       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL107       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL108       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL109       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL110       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL111       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL112       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL113       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL114       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL115       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL116       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL117       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL118       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL119       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL120       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL121       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL122       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL123       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL124       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL125       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL126       0.0267202402     5.000    31.816     1.400
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   SRCPARAM VOL127       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL128       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL129       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL130       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL131       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL132       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL133       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL134       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL135       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL136       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL137       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL138       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL139       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL140       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL141       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL142       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL143       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL144       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL145       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL146       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL147       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL148       0.0267202402     5.000    31.816     1.400
   SRCPARAM VOL149       0.0267202402     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL136       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL137       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL138       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL139       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL140       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL141       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL142       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL143       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL144       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL145       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL146       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL147       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL148       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL149       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Cons NOX.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
```

```
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH2 CONS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph2 Cons NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1052       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1052       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    58 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NOX
```

**Model Calculates 1 Short Term Average(s) of: 1-HR

**This Run Includes: 58 Source(s);   1 Source Group(s); and   114 Receptor(s)

               with: 0 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 58 VOLUME source(s)
                and: 0 AREA type source(s)
                and: 0 LINE source(s)
                and: 0 RLINE/RLINEXT source(s)
                and: 0 OPENPIT source(s)
                and: 0 BUOYANT LINE source(s) with a total of   0 line(s)
                and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing
                                                                Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ; Decay Coef. =
0.000   ; Rot. Angle =   0.0
                Emission Units = GRAMS/SEC   ; Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph2 Cons
NOX.err
**File for Summary of Results: 15218 Ph2 Cons
NOX.sum
FF *** AERMOD - VERSION 23132 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***   10/11/24
*** AERMET - VERSION 16216 ***
***   ***   08:58:43

                     PAGE   2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.   INIT.
              URBAN EMISSION RATE   AIRCRAFT
  SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY   SZ
  SOURCE SCALAR VARY
    ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)   BY
- - - -

```
VOL92           0   0.26720E-01  492131.2 3761283.4   684.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL93           0   0.26720E-01  492405.4 3761167.1   697.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL94           0   0.26720E-01  492989.8 3761059.4   667.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL95           0   0.26720E-01  492406.9 3761303.7   693.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL96           0   0.26720E-01  492264.6 3761164.4   686.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL97           0   0.26720E-01  492262.2 3761065.7   678.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL98           0   0.26720E-01  492851.0 3761061.6   685.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL99           0   0.26720E-01  492268.1 3761302.9   695.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL100          0   0.26720E-01  492734.4 3761330.7   695.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL101          0   0.26720E-01  492732.0 3761189.2   696.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL102          0   0.26720E-01  492714.5 3761063.8   701.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL103          0   0.26720E-01  492701.0 3761466.3   683.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL104          0   0.26720E-01  492600.0 3761332.9   685.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL105          0   0.26720E-01  492597.7 3761191.4   696.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL106          0   0.26720E-01  492580.2 3761066.0   698.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL107          0   0.26720E-01  492562.2 3761461.2   684.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL108          0   0.26720E-01  492545.0 3761317.5   683.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL109          0   0.26720E-01  492542.6 3761176.0   698.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL110          0   0.26720E-01  492406.8 3761031.4   681.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL111          0   0.26720E-01  493157.8 3761045.0   679.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL112          0   0.26720E-01  492547.6 3761006.4   698.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL113          0   0.26720E-01  492686.4 3761006.4   700.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL114          0   0.26720E-01  492827.3 3761010.8   686.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL115          0   0.26720E-01  494155.2 3761385.1   718.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL116          0   0.26720E-01  494005.5 3761391.7   716.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL117          0   0.26720E-01  494278.6 3761268.4   705.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL118          0   0.26720E-01  494351.2 3761308.1   709.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL119          0   0.26720E-01  491794.5 3762015.0   683.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL120          0   0.26720E-01  491794.5 3762136.1   681.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL121          0   0.26720E-01  491651.4 3762015.0   680.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL122          0   0.26720E-01  491655.8 3762138.3   683.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL123          0   0.26720E-01  491459.8 3761713.3   683.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL124          0   0.26720E-01  491398.1 3761664.8   677.3     5.00    31.82     1.40
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL125	0	0.26720E-01	491380.5	3761770.5	674.8	5.00	31.82	1.40	YES HRDOW
VOL126	0	0.26720E-01	491523.6	3761852.0	657.2	5.00	31.82	1.40	YES HRDOW
VOL127	0	0.26720E-01	491448.8	3761907.0	668.8	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.26720E-01	492778.9	3761534.9	683.6	5.00	31.82	1.40	YES HRDOW
VOL129	0	0.26720E-01	492911.0	3761534.9	684.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.26720E-01	493065.2	3761816.8	708.6	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.26720E-01	493058.6	3761717.7	705.2	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.26720E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.26720E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40	YES HRDOW
VOL134	0	0.26720E-01	491550.1	3761986.3	682.6	5.00	31.82	1.40	YES HRDOW
VOL135	0	0.26720E-01	491409.1	3761992.9	680.1	5.00	31.82	1.40	YES HRDOW
VOL136	0	0.26720E-01	491457.6	3762125.1	662.7	5.00	31.82	1.40	YES HRDOW
VOL137	0	0.26720E-01	491567.7	3762125.1	679.3	5.00	31.82	1.40	YES HRDOW
VOL138	0	0.26720E-01	491561.1	3762266.0	677.3	5.00	31.82	1.40	YES HRDOW
VOL139	0	0.26720E-01	491662.4	3762387.1	669.0	5.00	31.82	1.40	YES HRDOW
VOL140	0	0.26720E-01	492329.6	3762378.3	688.0	5.00	31.82	1.40	YES HRDOW
VOL141	0	0.26720E-01	492195.3	3762409.1	670.2	5.00	31.82	1.40	YES HRDOW
VOL142	0	0.26720E-01	492058.8	3762453.2	684.2	5.00	31.82	1.40	YES HRDOW
VOL143	0	0.26720E-01	492135.8	3762514.9	686.2	5.00	31.82	1.40	YES HRDOW
VOL144	0	0.26720E-01	491926.6	3762475.2	684.2	5.00	31.82	1.40	YES HRDOW
VOL145	0	0.26720E-01	491781.3	3762517.1	682.3	5.00	31.82	1.40	YES HRDOW
VOL146	0	0.26720E-01	491926.6	3762517.1	687.8	5.00	31.82	1.40	YES HRDOW
VOL147	0	0.26720E-01	492038.9	3762517.1	687.9	5.00	31.82	1.40	

```
 YES   HRDOW           NO
 VOL148          0   0.26720E-01  494205.9 3761460.0   714.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL149          0   0.26720E-01  491610.6 3762444.9   676.3     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
  VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,

             VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
             VOL122      , VOL123      ,

             VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
             VOL130      , VOL131      ,

             VOL132      , VOL133      , VOL134      , VOL135      , VOL136      , VOL137      ,
             VOL138      , VOL139      ,

             VOL140      , VOL141      , VOL142      , VOL143      , VOL144      , VOL145      ,
             VOL146      , VOL147      ,

             VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                 SOURCE IDs
  --------   ---------                                 ----------


              2189641.   VOL92       , VOL93       , VOL94       , VOL95       , VOL96       ,
              VOL97       , VOL98       ,
 VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,
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            VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
            VOL122      , VOL123      ,

            VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
            VOL130      , VOL131      ,

            VOL132      , VOL133      , VOL134      , VOL135      , VOL136      , VOL137      ,
            VOL138      , VOL139      ,

            VOL140      , VOL141      , VOL142      , VOL143      , VOL144      , VOL145      ,
            VOL146      , VOL147      ,

            VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                      PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL92        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL93        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL97 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL98 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

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   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL101       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL102       ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL103       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 08:58:43

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                      PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL106       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                      PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL107       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                     PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL117       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                     PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL118       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL122 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                     PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL124       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                     PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL125       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL126       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL127       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                      PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL128       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL129 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL140 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL141 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

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  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL142       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL143       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL147 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL148 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 08:58:43

PAGE 63
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL149 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);

(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5

```
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        08:58:43

                      PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL92       , VOL93       ,
                                 VOL94       , VOL95       , VOL96       ,
                   VOL97       , VOL98       , VOL99       , VOL100      , VOL101      ,
                   VOL102      , VOL103      , VOL104      ,
                   VOL105      , VOL106      , VOL107      , VOL108      , VOL109      ,
                   VOL110      , VOL111      , VOL112      ,
                   VOL113      , VOL114      , VOL115      , VOL116      , VOL117      ,
                   VOL118      , VOL119      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	10.65366	(12022716)	493409.97	3761986.39	6.48420	(12022716)
493417.46	3761972.99	5.92328	(12022716)	493468.31	3761958.40	4.33396	(12022716)
493499.84	3761947.37	3.67022	(12022716)	493614.36	3761892.81	2.65926	(16112816)
493613.66	3761905.05	2.66914	(16112816)	493614.36	3761917.12	2.67475	(16112816)
493614.36	3761927.44	2.68587	(16112816)	493613.31	3761940.20	2.68140	(16112816)
493616.46	3761952.10	2.67093	(16112816)	493615.23	3761961.71	2.65058	(16112816)
493614.53	3761973.78	2.61631	(12022716)	493614.01	3761984.98	2.67504	(12022716)
493613.66	3761996.52	2.74181	(12022716)	493614.18	3762007.36	2.80169	(12022716)
493615.76	3762018.56	2.85716	(12022716)	493614.71	3762025.73	2.91409	(12022716)
493614.36	3762035.00	2.98099	(12022716)	493613.13	3762043.74	3.05741	(12022716)
493613.66	3762052.14	3.11426	(12022716)	493613.83	3762061.58	3.18554	(12022716)
493614.18	3762071.55	3.26173	(12022716)	493696.46	3761742.53	2.57681	(16112816)
493707.35	3761768.92	2.46869	(16112816)	493727.98	3761742.80	2.69769	(16112816)
493755.61	3761733.69	2.79703	(16112816)	493750.48	3761720.58	2.77350	(16112816)
493745.92	3761709.48	2.75407	(16112816)	493741.37	3761696.95	2.78163	(14120316)
493738.52	3761681.00	2.93601	(14120316)	493737.38	3761663.91	3.09984	(14120316)
493736.52	3761651.38	3.21730	(14120316)	494418.08	3761416.13	14.35375	(12022716)
494473.73	3761368.11	5.89035	(12022716)	494939.85	3761394.35	1.79253	(12121716)
494686.37	3761403.42	2.79266	(13010916)	494575.98	3761568.60	4.27116	(12022716)
494541.49	3761602.79	4.40671	(12022716)	494822.53	3761435.24	2.05483	(13010916)
494846.18	3761504.63	1.81303	(13010916)	494841.06	3761535.78	1.90137	(16112816)
494837.90	3761553.12	1.94754	(16112816)	494885.61	3761199.09	3.08999	(12121716)
494976.68	3761325.65	2.17820	(12121716)	494985.35	3761366.25	1.85896	(12121716)
495070.90	3761299.23	1.90762	(12121716)	495115.47	3760632.60	2.34259	(12121716)
495069.03	3760685.30	2.35293	(12121716)	495087.55	3760728.31	2.35066	(12121716)
495079.90	3760834.52	2.50496	(12121716)	495202.38	3760883.65	2.74331	(12121716)
495237.63	3760939.31	2.88488	(12121716)	495298.45	3761048.56	2.70775	(12121716)
490844.43	3759375.83	1.43848	(12021516)	490895.79	3759357.70	1.51970	(12021516)
490596.67	3759246.67	1.10072	(12021516)	489103.59	3759859.22	0.53647	(15122215)

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       488940.48   3759893.26        0.53273  (15122215)               488472.34
       3759865.64        0.53274  (16012009)
       488432.53   3759884.27        0.53712  (16012009)               488713.15
       3759827.76        0.52645  (15122215)
       487562.29   3760285.62        0.55711  (14120216)               487809.35
       3760420.86        0.57118  (14120216)
       487553.10   3761208.24        0.76633  (16102416)               487899.76
       3760972.40        0.74575  (16102416)
       487983.18   3762301.23        0.98887  (16123016)               487913.66
       3762403.25        0.96704  (16123016)
       487890.59   3762238.09        0.97682  (16123016)               488190.14
       3762513.88        0.95100  (16123016)
       488424.39   3762586.51        0.92501  (16123016)               488657.54
       3762495.87        1.00490  (16123016)
       488908.17   3762583.23        0.97373  (16123016)               489170.26
       3762660.77        0.95854  (14120316)
       489382.17   3762809.64        1.37695  (14120316)               489294.91
       3762783.65        1.25010  (14120316)
       489889.72   3762661.22        1.85059  (14120316)               490022.93
       3762783.29        2.14651  (14120316)
       490423.96   3762839.25        2.62088  (14120316)               490375.94
       3762870.37        2.53443  (14120316)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       08:58:43

                     PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     VOL92       , VOL93       ,
                              VOL94       , VOL95       , VOL96       ,
                VOL97       , VOL98       , VOL99       , VOL100      , VOL101      ,
                VOL102      , VOL103      , VOL104      ,
                VOL105      , VOL106      , VOL107      , VOL108      , VOL109      ,
                VOL110      , VOL111      , VOL112      ,
                VOL113      , VOL114      , VOL115      , VOL116      , VOL117      ,
                VOL118      , VOL119      ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF NOX      IN
                                     MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       491453.08   3762845.48        4.11192  (14120316)               491132.33
       3762903.51        3.13173  (14120316)
       492890.84   3762203.51        3.98318  (12121716)               492961.55
       3762258.51        3.24151  (12121716)
       493033.99   3762272.60        4.52238  (13121916)               493032.31
       3762205.18        4.69982  (13121916)
       493087.32   3762215.25        5.39836  (13121916)               493079.94
       3762296.41        4.61305  (13121916)
       493163.79   3762367.18        2.84997  (12022716)               493068.87
       3762510.05        2.78781  (13121916)
       493101.07   3762454.71        3.34084  (13121916)               493281.84
       3762369.19        4.43712  (12022716)
       493351.51   3762095.42       10.60358  (12022716)               493439.48
       3762105.84        7.60911  (12022716)
       493972.90   3763044.23        2.31688  (12022716)               493957.03
       3763184.09        1.81877  (12022716)
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       493583.55   3763480.45        0.96096  (13121916)                493258.47
       3763568.15        1.64245  (12022716)
       492895.78   3763485.72        2.95961  (12022716)                493781.01
       3761659.05        3.37622  (14120316)
       493797.63   3761658.35        3.45186  (14120316)                493831.94
       3761631.47        4.06459  (14120316)
       493900.20   3761664.01        3.44459  (14120316)                493918.59
       3761666.13        3.39269  (14120316)
       493929.55   3761662.24        3.49554  (14120316)                493945.82
       3761667.90        3.28735  (14120316)
       493758.37   3761524.30        4.35694  (14120316)                493961.03
       3761672.85        3.10909  (14120316)
       493975.18   3761679.57        2.92184  (14120316)                493987.55
       3761687.70        2.85264  (16112816)
       493998.87   3761697.25        2.83191  (16112816)                494007.71
       3761707.51        2.79360  (16112816)
       494016.91   3761718.12        2.75733  (16112816)                494024.69
       3761730.85        2.73592  (16112816)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                        ***        08:58:43

                     PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                            *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                    ** CONC OF NOX      IN
                                    MICROGRAMS/M**3                          **


                                                    DATE
                                                                                NETWORK
GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      14.35375  ON 12022716: AT (  494418.08,  3761416.13,
723.26,   723.26,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                        ***        08:58:43

                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of           0 Fatal Error Message(s)
 A Total of           2 Warning Message(s)
 A Total of         388 Informational Message(s)

 A Total of       43848 Hours Were Processed
```

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1052 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1052 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/11/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Cons PM10\15218
Ph2 Cons PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Cons PM10.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   492471.146  3761531.218      671.970
   LOCATION VOL92        VOLUME     492131.209  3761283.446      684.740
   LOCATION VOL93        VOLUME     492405.396  3761167.060      697.630
   LOCATION VOL94        VOLUME     492989.765  3761059.418      667.250
   LOCATION VOL95        VOLUME     492406.875  3761303.706      693.800
   LOCATION VOL96        VOLUME     492264.580  3761164.382      686.740
   LOCATION VOL97        VOLUME     492262.221  3761065.742      678.880
   LOCATION VOL98        VOLUME     492851.027  3761061.620      685.880
   LOCATION VOL99        VOLUME     492268.137  3761302.950      695.440
   LOCATION VOL100       VOLUME     492734.376  3761330.737      695.130
   LOCATION VOL101       VOLUME     492732.017  3761189.211      696.100
   LOCATION VOL102       VOLUME     492714.491  3761063.823      701.170
   LOCATION VOL103       VOLUME     492700.960  3761466.348      683.000
   LOCATION VOL104       VOLUME     492600.042  3761332.939      685.130
   LOCATION VOL105       VOLUME     492597.683  3761191.413      696.620
   LOCATION VOL106       VOLUME     492580.157  3761066.025      698.940
   LOCATION VOL107       VOLUME     492562.190  3761461.155      684.110
   LOCATION VOL108       VOLUME     492544.987  3761317.524      683.050
   LOCATION VOL109       VOLUME     492542.629  3761175.998      698.260
   LOCATION VOL110       VOLUME     492406.794  3761031.384      681.780
   LOCATION VOL111       VOLUME     493157.846  3761044.961      679.560
   LOCATION VOL112       VOLUME     492547.645  3761006.352      698.000
   LOCATION VOL113       VOLUME     492686.384  3761006.352      700.840
   LOCATION VOL114       VOLUME     492827.324  3761010.756      686.200
   LOCATION VOL115       VOLUME     494155.246  3761385.129      718.090
   LOCATION VOL116       VOLUME     494005.497  3761391.736      716.150
   LOCATION VOL117       VOLUME     494278.568  3761268.413      705.410
   LOCATION VOL118       VOLUME     494351.241  3761308.052      709.780
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   LOCATION VOL119       VOLUME     491794.496  3762014.956      683.700
   LOCATION VOL120       VOLUME     491794.496  3762136.076      681.790
   LOCATION VOL121       VOLUME     491651.353  3762014.956      680.920
   LOCATION VOL122       VOLUME     491655.758  3762138.279      683.820
   LOCATION VOL123       VOLUME     491459.763  3761713.256      683.590
   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
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   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
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SRCPARAM VOL93        0.0011459291     5.000    31.816     1.400
SRCPARAM VOL94        0.0011459291     5.000    31.816     1.400
SRCPARAM VOL95        0.0011459291     5.000    31.816     1.400
SRCPARAM VOL96        0.0011459291     5.000    31.816     1.400
SRCPARAM VOL97        0.0011459291     5.000    31.816     1.400
SRCPARAM VOL98        0.0011459291     5.000    31.816     1.400
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   SRCPARAM VOL149       0.0011459291     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL136       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL137       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL138       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL139       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL140       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL141       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL142       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL143       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL144       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL145       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL145       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL146       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL147       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL148       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL149       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Cons PM10.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH2 CONS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph2 Cons PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1152       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1152       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY   ***
 - - -

Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph2 Cons
PM10.err
**File for Summary of Results: 15218 Ph2 Cons
PM10.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL92	0	0.11459E-02	492131.2	3761283.4	684.7	5.00	31.82	1.40	YES HRDOW
VOL93	0	0.11459E-02	492405.4	3761167.1	697.6	5.00	31.82	1.40	YES HRDOW
VOL94	0	0.11459E-02	492989.8	3761059.4	667.2	5.00	31.82	1.40	YES HRDOW
VOL95	0	0.11459E-02	492406.9	3761303.7	693.8	5.00	31.82	1.40	YES HRDOW
VOL96	0	0.11459E-02	492264.6	3761164.4	686.7	5.00	31.82	1.40	YES HRDOW
VOL97	0	0.11459E-02	492262.2	3761065.7	678.9	5.00	31.82	1.40	YES HRDOW
VOL98	0	0.11459E-02	492851.0	3761061.6	685.9	5.00	31.82	1.40	YES HRDOW
VOL99	0	0.11459E-02	492268.1	3761302.9	695.4	5.00	31.82	1.40	YES HRDOW
VOL100	0	0.11459E-02	492734.4	3761330.7	695.1	5.00	31.82	1.40	YES HRDOW
VOL101	0	0.11459E-02	492732.0	3761189.2	696.1	5.00	31.82	1.40	YES HRDOW
VOL102	0	0.11459E-02	492714.5	3761063.8	701.2	5.00	31.82	1.40	YES HRDOW
VOL103	0	0.11459E-02	492701.0	3761466.3	683.0	5.00	31.82	1.40	YES HRDOW
VOL104	0	0.11459E-02	492600.0	3761332.9	685.1	5.00	31.82	1.40	YES HRDOW
VOL105	0	0.11459E-02	492597.7	3761191.4	696.6	5.00	31.82	1.40	YES HRDOW
VOL106	0	0.11459E-02	492580.2	3761066.0	698.9	5.00	31.82	1.40	YES HRDOW
VOL107	0	0.11459E-02	492562.2	3761461.2	684.1	5.00	31.82	1.40	

YES	HRDOW		NO						
VOL108		0	0.11459E-02	492545.0	3761317.5	683.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL109		0	0.11459E-02	492542.6	3761176.0	698.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL110		0	0.11459E-02	492406.8	3761031.4	681.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL111		0	0.11459E-02	493157.8	3761045.0	679.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL112		0	0.11459E-02	492547.6	3761006.4	698.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL113		0	0.11459E-02	492686.4	3761006.4	700.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL114		0	0.11459E-02	492827.3	3761010.8	686.2	5.00	31.82	1.40
YES	HRDOW		NO						
VOL115		0	0.11459E-02	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL116		0	0.11459E-02	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL117		0	0.11459E-02	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES	HRDOW		NO						
VOL118		0	0.11459E-02	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL119		0	0.11459E-02	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES	HRDOW		NO						
VOL120		0	0.11459E-02	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL121		0	0.11459E-02	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL122		0	0.11459E-02	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL123		0	0.11459E-02	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL124		0	0.11459E-02	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL125		0	0.11459E-02	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL126		0	0.11459E-02	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES	HRDOW		NO						
VOL127		0	0.11459E-02	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL128		0	0.11459E-02	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL129		0	0.11459E-02	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL130		0	0.11459E-02	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL131		0	0.11459E-02	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES	HRDOW		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY

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- - - -
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 ,
	VOL99 , VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 ,
	VOL107 , VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 ,
	VOL115 , VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 ,
	VOL123 , VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 ,
	VOL131 , VOL132 , VOL133 , VOL134 , VOL135 , VOL136 , VOL137 , VOL138 ,
	VOL139 , VOL140 , VOL141 , VOL142 , VOL143 , VOL144 , VOL145 , VOL146 ,
	VOL147 , VOL148 , VOL149 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 ,
		VOL99 , VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 ,
		VOL107 , VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 ,
		VOL115 , VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 ,
		VOL123 , VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 ,
		VOL131 , VOL132 , VOL133 , VOL134 , VOL135 , VOL136 , VOL137 , VOL138 ,

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            VOL139      , VOL140      , VOL141      , VOL142      , VOL143      , VOL144      ,
            VOL145      , VOL146      ,

            VOL147      , VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL92        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL95        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL98 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL101 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                      PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL102       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                      PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL103       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL107   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL108   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL109       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL110       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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```
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL111       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL112       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL113       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:06:51

PAGE 34
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL121 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL125       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL126       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL137 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL138 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL139   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL141 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL143 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL144 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL146 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL149 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,

730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,

```
     719.0,     725.0,       2.0);
     ( 493797.6, 3761658.3,     720.2,     725.0,       2.0);         ( 493831.9, 3761631.5,
     722.8,     724.0,       2.0);
     ( 493900.2, 3761664.0,     723.5,     723.5,       2.0);         ( 493918.6, 3761666.1,
     722.4,     725.0,       2.0);
     ( 493929.5, 3761662.2,     721.1,     725.0,       2.0);         ( 493945.8, 3761667.9,
     723.3,     723.3,       2.0);
     ( 493758.4, 3761524.3,     724.8,     724.8,       2.0);         ( 493961.0, 3761672.8,
     724.3,     724.3,       2.0);
     ( 493975.2, 3761679.6,     722.8,     722.8,       2.0);         ( 493987.5, 3761687.7,
     723.2,     723.2,       2.0);
     ( 493998.9, 3761697.2,     722.6,     726.0,       2.0);         ( 494007.7, 3761707.5,
     723.6,     726.0,       2.0);
     ( 494016.9, 3761718.1,     725.7,     725.7,       2.0);         ( 494024.7, 3761730.8,
     723.5,     726.0,       2.0);
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                      PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                      (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS
               INCLUDED IN THE DATA FILE.


                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
                                  ***
                                                  (METERS/SEC)

                                                1.54,   3.09,   5.14,   8.23,  10.80,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:06:51

                      PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:
   RDLD_V9_ADJU\RDLD_v9.SFC                                                  Met
   Version:  16216
   Profile file:
```

RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24

*** AERMET - VERSION 16216 ***

*** *** 09:06:51

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 ,
VOL96 , VOL97 , VOL98 , VOL99 , VOL100 ,
VOL101 , VOL102 , VOL103 ,
VOL104 , VOL105 , VOL106 , VOL107 , VOL108 ,
VOL109 , VOL110 , VOL111 ,
VOL112 , VOL113 , VOL114 , VOL115 , VOL116 ,
VOL117 , VOL118 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.06825	(12022724)	493409.97	3761986.39	0.05649	(12121824)
493417.46	3761972.99	0.05980	(12121824)	493468.31	3761958.40	0.06219	(16112824)
493499.84	3761947.37	0.06595	(16112824)	493614.36	3761892.81	0.09341	(16112824)
493613.66	3761905.05	0.07852	(16112824)	493614.36	3761917.12	0.07019	(16112824)
493614.36	3761927.44	0.06562	(16112824)	493613.31	3761940.20	0.06115	(16112824)
493616.46	3761952.10	0.05759	(16112824)	493615.23	3761961.71	0.05517	(16112824)
493614.53	3761973.78	0.05214	(16112824)	493614.01	3761984.98	0.04975	(16112824)
493613.66	3761996.52	0.04738	(16112824)	493614.18	3762007.36	0.04523	(16112824)
493615.76	3762018.56	0.04306	(16112824)	493614.71	3762025.73	0.04170	(16112824)
493614.36	3762035.00	0.04052	(15121524)	493613.13	3762043.74	0.03993	(15121524)
493613.66	3762052.14	0.03930	(15121524)	493613.83	3762061.58	0.03864	(15121524)
493614.18	3762071.55	0.03797	(15121524)	493696.46	3761742.53	0.07255	(16112824)
493707.35	3761768.92	0.06788	(16112824)	493727.98	3761742.80	0.06865	(16112824)
493755.61	3761733.69	0.06524	(16112824)	493750.48	3761720.58	0.06537	(16112824)
493745.92	3761709.48	0.06526	(16112824)	493741.37	3761696.95	0.06488	(16112824)
493738.52	3761681.00	0.06476m	(15123124)	493737.38			

3761663.91 0.06606m (15123124)
493736.52 3761651.38 0.06722m (15123124) 494418.08
3761416.13 0.09814 (13112024)
494473.73 3761368.11 0.09180 (16011524) 494939.85
3761394.35 0.04344 (15012024)
494686.37 3761403.42 0.04995 (15012024) 494575.98
3761568.60 0.04238 (15012024)
494541.49 3761602.79 0.04103 (15012024) 494822.53
3761435.24 0.04446 (15012024)
494846.18 3761504.63 0.04112 (15012024) 494841.06
3761535.78 0.03991 (15012024)
494837.90 3761553.12 0.03923 (15012024) 494885.61
3761199.09 0.05050 (15012024)
494976.68 3761325.65 0.04446 (15012024) 494985.35
3761366.25 0.04320 (15012024)
495070.90 3761299.23 0.04299 (15012024) 495115.47
3760632.60 0.04247 (14013024)
495069.03 3760685.30 0.04322 (14013024) 495087.55
3760728.31 0.04389 (16122224)
495079.90 3760834.52 0.04792 (16122224) 495202.38
3760883.65 0.04353 (16122224)
495237.63 3760939.31 0.04227 (15012024) 495298.45
3761048.56 0.04102 (15012024)
490844.43 3759375.83 0.02462 (13012524) 490895.79
3759357.70 0.02352 (13012524)
490596.67 3759246.67 0.02396 (13012524) 489103.59
3759859.22 0.02919 (13012524)
488940.48 3759893.26 0.02777 (13012524) 488472.34
3759865.64 0.02576 (13012524)
488432.53 3759884.27 0.02550 (13012524) 488713.15
3759827.76 0.02703 (13012524)
487562.29 3760285.62 0.01744 (15122224) 487809.35
3760420.86 0.01764 (15122224)
487553.10 3761208.24 0.01658 (13012224) 487899.76
3760972.40 0.01772 (13012224)
487983.18 3762301.23 0.02911m (13123124) 487913.66
3762403.25 0.02896m (13123124)
487890.59 3762238.09 0.02830m (13123124) 488190.14
3762513.88 0.02978m (13123124)
488424.39 3762586.51 0.02987m (13123124) 488657.54
3762495.87 0.03179m (13123124)
488908.17 3762583.23 0.03143m (13123124) 489170.26
3762660.77 0.03071m (13123124)
489382.17 3762809.64 0.02849 (15011224) 489294.91
3762783.65 0.02775 (13111224)
489889.72 3762661.22 0.03415 (14120324) 490022.93
3762783.29 0.03857 (14120324)
490423.96 3762839.25 0.04303 (14120324) 490375.94
3762870.37 0.04217 (14120324)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 ,
VOL96 , VOL97 , VOL98 , VOL99 , VOL100 ,
VOL101 , VOL102 , VOL103 ,
VOL104 , VOL105 , VOL106 , VOL107 , VOL108 ,
VOL109 , VOL110 , VOL111 ,
VOL112 , VOL113 , VOL114 , VOL115 , VOL116 ,

VOL117 , VOL118 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.08358	(16122324)	491132.33	3762903.51	0.06411	(16010524)
492890.84	3762203.51	0.06976	(16122224)	492961.55	3762258.51	0.05825	(16122224)
493033.99	3762272.60	0.05384	(16122224)	493032.31	3762205.18	0.06030	(16122224)
493087.32	3762215.25	0.05602	(16122224)	493079.94	3762296.41	0.05086	(16122224)
493163.79	3762367.18	0.04562	(16122224)	493068.87	3762510.05	0.04331	(16122224)
493101.07	3762454.71	0.04422	(16122224)	493281.84	3762369.19	0.04152	(13121924)
493351.51	3762095.42	0.06866	(12022724)	493439.48	3762105.84	0.05207	(12022724)
493972.90	3763044.23	0.02251	(13030724)	493957.03	3763184.09	0.02134	(16122224)
493583.55	3763480.45	0.02615	(16122224)	493258.47	3763568.15	0.02945	(16122224)
492895.78	3763485.72	0.03604	(16122224)	493781.01	3761659.05	0.06022m	(15123124)
493797.63	3761658.35	0.05866m	(15123124)	493831.94	3761631.47	0.05912	(16010524)
493900.20	3761664.01	0.05112	(13121924)	493918.59	3761666.13	0.05184	(13121924)
493929.55	3761662.24	0.05360	(13121924)	493945.82	3761667.90	0.05253	(16122324)
493758.37	3761524.30	0.06733m	(15123124)	493961.03	3761672.85	0.05163	(16122324)
493975.18	3761679.57	0.05086	(16122324)	493987.55	3761687.70	0.04941	(16122324)
493998.87	3761697.25	0.04797	(16122324)	494007.71	3761707.51	0.04606	(16122324)
494016.91	3761718.12	0.04397	(16112824)	494024.69	3761730.85	0.04368	(16112824)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID

ALL HIGH 1ST HIGH VALUE IS 0.09814 ON 13112024: AT (494418.08, 3761416.13, 723.26, 723.26, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1152 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1152 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/11/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Cons PM25\15218
Ph2 Cons PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Cons PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   492471.146  3761531.218      671.970
   LOCATION VOL92        VOLUME     492131.209  3761283.446      684.740
   LOCATION VOL93        VOLUME     492405.396  3761167.060      697.630
   LOCATION VOL94        VOLUME     492989.765  3761059.418      667.250
   LOCATION VOL95        VOLUME     492406.875  3761303.706      693.800
   LOCATION VOL96        VOLUME     492264.580  3761164.382      686.740
   LOCATION VOL97        VOLUME     492262.221  3761065.742      678.880
   LOCATION VOL98        VOLUME     492851.027  3761061.620      685.880
   LOCATION VOL99        VOLUME     492268.137  3761302.950      695.440
   LOCATION VOL100       VOLUME     492734.376  3761330.737      695.130
   LOCATION VOL101       VOLUME     492732.017  3761189.211      696.100
   LOCATION VOL102       VOLUME     492714.491  3761063.823      701.170
   LOCATION VOL103       VOLUME     492700.960  3761466.348      683.000
   LOCATION VOL104       VOLUME     492600.042  3761332.939      685.130
   LOCATION VOL105       VOLUME     492597.683  3761191.413      696.620
   LOCATION VOL106       VOLUME     492580.157  3761066.025      698.940
   LOCATION VOL107       VOLUME     492562.190  3761461.155      684.110
   LOCATION VOL108       VOLUME     492544.987  3761317.524      683.050
   LOCATION VOL109       VOLUME     492542.629  3761175.998      698.260
   LOCATION VOL110       VOLUME     492406.794  3761031.384      681.780
   LOCATION VOL111       VOLUME     493157.846  3761044.961      679.560
   LOCATION VOL112       VOLUME     492547.645  3761006.352      698.000
   LOCATION VOL113       VOLUME     492686.384  3761006.352      700.840
   LOCATION VOL114       VOLUME     492827.324  3761010.756      686.200
   LOCATION VOL115       VOLUME     494155.246  3761385.129      718.090
   LOCATION VOL116       VOLUME     494005.497  3761391.736      716.150
   LOCATION VOL117       VOLUME     494278.568  3761268.413      705.410
   LOCATION VOL118       VOLUME     494351.241  3761308.052      709.780
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   LOCATION VOL119       VOLUME     491794.496  3762014.956      683.700
   LOCATION VOL120       VOLUME     491794.496  3762136.076      681.790
   LOCATION VOL121       VOLUME     491651.353  3762014.956      680.920
   LOCATION VOL122       VOLUME     491655.758  3762138.279      683.820
   LOCATION VOL123       VOLUME     491459.763  3761713.256      683.590
   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
** Source Parameters **
   SRCPARAM PAREA1       3.9587E-08     0.000       165     1.000
   AREAVERT PAREA1       492471.146 3761531.218 492680.068 3761532.850
   AREAVERT PAREA1       492712.712 3761552.436 492727.402 3761578.551
   AREAVERT PAREA1       492797.586 3761596.506 492840.023 3761596.506
   AREAVERT PAREA1       492846.552 3761585.080 492879.196 3761594.873
   AREAVERT PAREA1       492929.794 3761580.184 492944.484 3761558.965
   AREAVERT PAREA1       493083.221 3761529.586 493225.222 3761511.631
   AREAVERT PAREA1       493308.465 3761537.747 493398.235 3761611.195
   AREAVERT PAREA1       493492.903 3761678.116 493574.513 3761684.644
   AREAVERT PAREA1       493572.881 3761841.336 493137.084 3761851.129
   AREAVERT PAREA1       493104.440 3761652.000 492911.840 3761692.805
   AREAVERT PAREA1       492916.737 3761849.497 492831.862 3761865.819
   AREAVERT PAREA1       492735.563 3761908.256 492650.688 3761953.957
   AREAVERT PAREA1       492551.124 3761973.544 492456.457 3761967.015
   AREAVERT PAREA1       492348.732 3761924.578 492258.961 3761849.497
   AREAVERT PAREA1       492178.983 3761815.220 492038.614 3761782.576
   AREAVERT PAREA1       491720.335 3761702.599 491521.207 3761642.207
   AREAVERT PAREA1       491362.883 3761570.391 491361.251 3761601.402
   AREAVERT PAREA1       491325.343 3761736.875 491292.699 3761769.519
   AREAVERT PAREA1       491393.895 3761862.554 491310.653 3761996.394
   AREAVERT PAREA1       491348.194 3762009.452 491369.412 3762045.360
   AREAVERT PAREA1       491385.734 3762063.315 491398.792 3762089.430
   AREAVERT PAREA1       491411.849 3762110.648 491416.746 3762148.189
   AREAVERT PAREA1       491468.976 3762175.936 491486.930 3762215.109
   AREAVERT PAREA1       491482.034 3762228.167 491558.747 3762322.834
   AREAVERT PAREA1       491537.529 3762406.076 491544.057 3762530.124
   AREAVERT PAREA1       491695.852 3762505.641 491699.116 3762536.652
   AREAVERT PAREA1       491738.289 3762569.296 491767.669 3762592.147
   AREAVERT PAREA1       491957.004 3762577.457 492147.971 3762577.457
   AREAVERT PAREA1       492154.500 3762566.032 492167.557 3762554.607
   AREAVERT PAREA1       492205.098 3762474.629 492272.018 3762440.353
   AREAVERT PAREA1       492296.501 3762440.353 492319.352 3762438.720
   AREAVERT PAREA1       492327.513 3762397.915 492350.364 3762393.019
   AREAVERT PAREA1       492379.743 3762344.053 492383.008 3762293.455
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AREAVERT PAREA1       491743.186 3762464.836 491717.070 3762332.627
AREAVERT PAREA1       491594.656 3762309.777 491627.300 3762166.143
AREAVERT PAREA1       491743.186 3762184.097 491829.692 3762184.097
AREAVERT PAREA1       491859.072 3762175.936 491862.336 3761957.222
AREAVERT PAREA1       491612.610 3761944.164 491568.540 3761849.497
AREAVERT PAREA1       491526.103 3761771.151 491535.896 3761686.277
AREAVERT PAREA1       491552.218 3761668.322 492139.810 3761833.175
AREAVERT PAREA1       492231.213 3761872.347 492353.628 3761955.589
AREAVERT PAREA1       492456.457 3762006.188 492598.458 3761994.762
AREAVERT PAREA1       492717.608 3761950.693 492753.517 3761931.106
AREAVERT PAREA1       492902.047 3761883.773 493603.893 3761880.508
AREAVERT PAREA1       493605.525 3761687.909 493621.847 3761573.655
AREAVERT PAREA1       493670.813 3761436.550 493713.250 3761345.147
AREAVERT PAREA1       493842.194 3761224.364 493959.712 3761180.295
AREAVERT PAREA1       494109.874 3761177.031 494215.967 3761209.675
AREAVERT PAREA1       494184.955 3761319.032 494137.622 3761314.135
AREAVERT PAREA1       494067.437 3761315.767 494008.678 3761294.549
AREAVERT PAREA1       493915.643 3761356.572 493938.493 3761392.481
AREAVERT PAREA1       493974.402 3761454.504 493995.620 3761475.723
AREAVERT PAREA1       494021.736 3761482.252 494091.920 3761449.608
AREAVERT PAREA1       494126.196 3761454.504 494160.472 3761500.206
AREAVERT PAREA1       494206.174 3761521.425 494224.128 3761527.953
AREAVERT PAREA1       494255.140 3761508.367 494266.565 3761500.206
AREAVERT PAREA1       494266.565 3761485.516 494215.967 3761472.459
AREAVERT PAREA1       494204.542 3761439.815 494202.910 3761348.411
AREAVERT PAREA1       494212.703 3761336.986 494369.394 3761367.998
AREAVERT PAREA1       494411.831 3761288.020 494426.521 3761250.479
AREAVERT PAREA1       494229.025 3761170.502 494080.495 3761139.490
AREAVERT PAREA1       493980.931 3761147.651 493917.275 3761159.076
AREAVERT PAREA1       493801.389 3761212.939 493693.664 3761315.767
AREAVERT PAREA1       493674.077 3761335.354 493613.686 3761472.459
AREAVERT PAREA1       493574.513 3761655.265 493522.283 3761655.265
AREAVERT PAREA1       493456.995 3761632.414 493406.396 3761586.712
AREAVERT PAREA1       493385.178 3761562.230 493344.373 3761527.953
AREAVERT PAREA1       493301.936 3761505.103 493248.073 3761490.413
AREAVERT PAREA1       493195.843 3761488.781 493089.750 3761506.735
AREAVERT PAREA1       492950.503 3761538.063 492757.220 3761520.533
AREAVERT PAREA1       492752.765 3761451.755 492785.818 3761456.372
AREAVERT PAREA1       492799.571 3761073.240 493048.498 3761070.331
AREAVERT PAREA1       493052.691 3760985.662 492925.216 3760980.376
AREAVERT PAREA1       492870.099 3760985.742 492801.867 3760975.574
AREAVERT PAREA1       492724.619 3760962.998 492572.343 3760962.222
AREAVERT PAREA1       492469.514 3760950.155 492399.451 3760951.561
AREAVERT PAREA1       492336.035 3761019.324 492280.586 3761019.854
AREAVERT PAREA1       492221.910 3761005.787 492181.150 3761033.674
AREAVERT PAREA1       492191.454 3761061.223 492191.125 3761142.844
AREAVERT PAREA1       492146.547 3761168.893 492114.944 3761242.860
AREAVERT PAREA1       492054.324 3761287.804 492053.111 3761327.584
AREAVERT PAREA1       492151.188 3761333.115 492154.116 3761364.409
AREAVERT PAREA1       492469.578 3761372.858
SRCPARAM VOL92        0.001053603     5.000    31.816     1.400
SRCPARAM VOL93        0.001053603     5.000    31.816     1.400
SRCPARAM VOL94        0.001053603     5.000    31.816     1.400
SRCPARAM VOL95        0.001053603     5.000    31.816     1.400
SRCPARAM VOL96        0.001053603     5.000    31.816     1.400
SRCPARAM VOL97        0.001053603     5.000    31.816     1.400
SRCPARAM VOL98        0.001053603     5.000    31.816     1.400
SRCPARAM VOL99        0.001053603     5.000    31.816     1.400
SRCPARAM VOL100       0.001053603     5.000    31.816     1.400
SRCPARAM VOL101       0.001053603     5.000    31.816     1.400
SRCPARAM VOL102       0.001053603     5.000    31.816     1.400
SRCPARAM VOL103       0.001053603     5.000    31.816     1.400
SRCPARAM VOL104       0.001053603     5.000    31.816     1.400
SRCPARAM VOL105       0.001053603     5.000    31.816     1.400
SRCPARAM VOL106       0.001053603     5.000    31.816     1.400
SRCPARAM VOL107       0.001053603     5.000    31.816     1.400
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   SRCPARAM VOL108       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL109       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL110       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL111       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL112       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL113       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL114       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL115       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL116       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL117       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL118       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL119       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL120       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL121       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL122       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL123       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL124       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL125       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL126       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL127       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL128       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL129       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL130       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL131       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL132       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL133       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL134       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL135       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL136       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL137       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL138       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL139       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL140       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL141       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL142       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL143       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL144       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL145       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL146       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL147       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL148       0.001053603     5.000    31.816     1.400
   SRCPARAM VOL149       0.001053603     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL136       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL137       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL138       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL139       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL140       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL141       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL142       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL143       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL144       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL145       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL145       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL146       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL147       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL148       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL149       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Cons PM25.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH2 CONS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph2 Cons PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1152       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1152       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph2 Cons
PM25.err
**File for Summary of Results: 15218 Ph2 Cons
PM25.sum

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:21:08

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL92	0	0.10536E-02	492131.2	3761283.4	684.7	5.00	31.82	1.40	YES HRDOW
VOL93	0	0.10536E-02	492405.4	3761167.1	697.6	5.00	31.82	1.40	YES HRDOW
VOL94	0	0.10536E-02	492989.8	3761059.4	667.2	5.00	31.82	1.40	YES HRDOW
VOL95	0	0.10536E-02	492406.9	3761303.7	693.8	5.00	31.82	1.40	YES HRDOW
VOL96	0	0.10536E-02	492264.6	3761164.4	686.7	5.00	31.82	1.40	YES HRDOW
VOL97	0	0.10536E-02	492262.2	3761065.7	678.9	5.00	31.82	1.40	YES HRDOW
VOL98	0	0.10536E-02	492851.0	3761061.6	685.9	5.00	31.82	1.40	YES HRDOW
VOL99	0	0.10536E-02	492268.1	3761302.9	695.4	5.00	31.82	1.40	YES HRDOW
VOL100	0	0.10536E-02	492734.4	3761330.7	695.1	5.00	31.82	1.40	YES HRDOW
VOL101	0	0.10536E-02	492732.0	3761189.2	696.1	5.00	31.82	1.40	YES HRDOW
VOL102	0	0.10536E-02	492714.5	3761063.8	701.2	5.00	31.82	1.40	YES HRDOW
VOL103	0	0.10536E-02	492701.0	3761466.3	683.0	5.00	31.82	1.40	YES HRDOW
VOL104	0	0.10536E-02	492600.0	3761332.9	685.1	5.00	31.82	1.40	YES HRDOW
VOL105	0	0.10536E-02	492597.7	3761191.4	696.6	5.00	31.82	1.40	YES HRDOW
VOL106	0	0.10536E-02	492580.2	3761066.0	698.9	5.00	31.82	1.40	YES HRDOW
VOL107	0	0.10536E-02	492562.2	3761461.2	684.1	5.00	31.82	1.40	

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 YES   HRDOW            NO
 VOL108          0   0.10536E-02  492545.0 3761317.5   683.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL109          0   0.10536E-02  492542.6 3761176.0   698.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL110          0   0.10536E-02  492406.8 3761031.4   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL111          0   0.10536E-02  493157.8 3761045.0   679.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL112          0   0.10536E-02  492547.6 3761006.4   698.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL113          0   0.10536E-02  492686.4 3761006.4   700.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL114          0   0.10536E-02  492827.3 3761010.8   686.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL115          0   0.10536E-02  494155.2 3761385.1   718.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL116          0   0.10536E-02  494005.5 3761391.7   716.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL117          0   0.10536E-02  494278.6 3761268.4   705.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL118          0   0.10536E-02  494351.2 3761308.1   709.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL119          0   0.10536E-02  491794.5 3762015.0   683.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL120          0   0.10536E-02  491794.5 3762136.1   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL121          0   0.10536E-02  491651.4 3762015.0   680.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL122          0   0.10536E-02  491655.8 3762138.3   683.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL123          0   0.10536E-02  491459.8 3761713.3   683.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL124          0   0.10536E-02  491398.1 3761664.8   677.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL125          0   0.10536E-02  491380.5 3761770.5   674.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL126          0   0.10536E-02  491523.6 3761852.0   657.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL127          0   0.10536E-02  491448.8 3761907.0   668.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL128          0   0.10536E-02  492778.9 3761534.9   683.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL129          0   0.10536E-02  492911.0 3761534.9   684.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL130          0   0.10536E-02  493065.2 3761816.8   708.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL131          0   0.10536E-02  493058.6 3761717.7   705.2     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:21:08

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
```

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- - - -
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 ,
	VOL99 , VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 ,
	VOL107 , VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 ,
	VOL115 , VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 ,
	VOL123 , VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 ,
	VOL131 , VOL132 , VOL133 , VOL134 , VOL135 , VOL136 , VOL137 , VOL138 ,
	VOL139 , VOL140 , VOL141 , VOL142 , VOL143 , VOL144 , VOL145 , VOL146 ,
	VOL147 , VOL148 , VOL149 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 ,
		VOL99 , VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 ,
		VOL107 , VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 ,
		VOL115 , VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 ,
		VOL123 , VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 ,
		VOL131 , VOL132 , VOL133 , VOL134 , VOL135 , VOL136 , VOL137 , VOL138 ,

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            VOL139      , VOL140      , VOL141      , VOL142      , VOL143      , VOL144      ,
            VOL145      , VOL146      ,

            VOL147      , VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL92        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:21:08

PAGE 9
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:21:08

PAGE 10
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL95        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL98 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                      PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL102       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                      PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL103       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL111       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL112       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL113       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL122 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01										

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                     PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL127       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                     PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL128       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                      PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL134       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:21:08

                      PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL135       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL136 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

SOURCE ID = VOL137 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL138 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL139   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:21:08

PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL141 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL143 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL144 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL146 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL149 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,

730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,

719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24

*** AERMET - VERSION 16216 ***

*** *** 09:21:08

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , VOL92 ,
VOL93 , VOL94 , VOL95 ,
VOL96 , VOL97 , VOL98 , VOL99 , VOL100 ,
VOL101 , VOL102 , VOL103 ,
VOL104 , VOL105 , VOL106 , VOL107 , VOL108 ,
VOL109 , VOL110 , VOL111 ,
VOL112 , VOL113 , VOL114 , VOL115 , VOL116 ,
VOL117 , VOL118 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.03226	(12022724)	493409.97	3761986.39	0.02559	(12121824)
493417.46	3761972.99	0.02668	(12121824)	493468.31	3761958.40	0.02616	(12121824)
493499.84	3761947.37	0.02592	(12121824)	493614.36	3761892.81	0.03298	(16112824)
493613.66	3761905.05	0.02878	(16112824)	493614.36	3761917.12	0.02640	(16112824)
493614.36	3761927.44	0.02509	(16112824)	493613.31	3761940.20	0.02377	(16112824)
493616.46	3761952.10	0.02269	(16112824)	493615.23	3761961.71	0.02195	(16112824)
493614.53	3761973.78	0.02100	(16112824)	493614.01	3761984.98	0.02023	(16112824)
493613.66	3761996.52	0.01944	(16112824)	493614.18	3762007.36	0.01886	(12121824)
493615.76	3762018.56	0.01830	(12121824)	493614.71	3762025.73	0.01797	(12121824)
493614.36	3762035.00	0.01754	(12121824)	493613.13	3762043.74	0.01715	(12121824)
493613.66	3762052.14	0.01676	(12121824)	493613.83	3762061.58	0.01632	(12121824)
493614.18	3762071.55	0.01607	(13112024)	493696.46	3761742.53	0.02715	(16112824)
493707.35	3761768.92	0.02563	(16112824)	493727.98	3761742.80	0.02608	(16112824)
493755.61	3761733.69	0.02517	(16112824)	493750.48	3761720.58	0.02522	(16112824)
493745.92	3761709.48	0.02521	(16112824)	493741.37	3761696.95	0.02512	(16112824)
493738.52	3761681.00	0.02510m	(15123124)	493737.38			

3761663.91 0.02561m (15123124)
493736.52 3761651.38 0.02604m (15123124) 494418.08
3761416.13 0.04745 (13112024)
494473.73 3761368.11 0.04973 (16011524) 494939.85
3761394.35 0.01690 (16011524)
494686.37 3761403.42 0.02406 (16011524) 494575.98
3761568.60 0.01804 (16112824)
494541.49 3761602.79 0.01818 (16112824) 494822.53
3761435.24 0.01817 (16011524)
494846.18 3761504.63 0.01519 (16011524) 494841.06
3761535.78 0.01479 (13111224)
494837.90 3761553.12 0.01470 (13111224) 494885.61
3761199.09 0.01970m (15123124)
494976.68 3761325.65 0.01622 (16011524) 494985.35
3761366.25 0.01617 (16011524)
495070.90 3761299.23 0.01527 (15012024) 495115.47
3760632.60 0.01633 (16122224)
495069.03 3760685.30 0.01680 (16122224) 495087.55
3760728.31 0.01729 (16122224)
495079.90 3760834.52 0.01840 (16122224) 495202.38
3760883.65 0.01712 (16122224)
495237.63 3760939.31 0.01556 (14013024) 495298.45
3761048.56 0.01471 (15012024)
490844.43 3759375.83 0.01006 (13012524) 490895.79
3759357.70 0.00968 (13012524)
490596.67 3759246.67 0.00978 (13012524) 489103.59
3759859.22 0.01112 (13012524)
488940.48 3759893.26 0.01058 (13012524) 488472.34
3759865.64 0.00965 (13012524)
488432.53 3759884.27 0.00954 (13012524) 488713.15
3759827.76 0.01022 (13012524)
487562.29 3760285.62 0.00709 (15122224) 487809.35
3760420.86 0.00724 (15122224)
487553.10 3761208.24 0.00553 (12121324) 487899.76
3760972.40 0.00609 (15122224)
487983.18 3762301.23 0.00929m (13123124) 487913.66
3762403.25 0.00922m (13123124)
487890.59 3762238.09 0.00904m (13123124) 488190.14
3762513.88 0.00952m (13123124)
488424.39 3762586.51 0.00961m (13123124) 488657.54
3762495.87 0.01026m (13123124)
488908.17 3762583.23 0.01025m (13123124) 489170.26
3762660.77 0.01019m (13123124)
489382.17 3762809.64 0.01011 (13111224) 489294.91
3762783.65 0.00992 (13111224)
489889.72 3762661.22 0.01322 (14120324) 490022.93
3762783.29 0.01482 (14120324)
490423.96 3762839.25 0.01806 (16010524) 490375.94
3762870.37 0.01745 (16010524)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 ,
VOL96 , VOL97 , VOL98 , VOL99 , VOL100 ,
VOL101 , VOL102 , VOL103 ,
VOL104 , VOL105 , VOL106 , VOL107 , VOL108 ,
VOL109 , VOL110 , VOL111 ,
VOL112 , VOL113 , VOL114 , VOL115 , VOL116 ,

VOL117 , VOL118 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.03598	(16122324)	491132.33	3762903.51	0.02854	(16010524)
492890.84	3762203.51	0.02990	(16122224)	492961.55	3762258.51	0.02558	(16122224)
493033.99	3762272.60	0.02368	(16122224)	493032.31	3762205.18	0.02663	(16122224)
493087.32	3762215.25	0.02484	(16122224)	493079.94	3762296.41	0.02231	(16122224)
493163.79	3762367.18	0.02004	(16122224)	493068.87	3762510.05	0.01873	(16122224)
493101.07	3762454.71	0.01915	(16122224)	493281.84	3762369.19	0.01798	(16122224)
493351.51	3762095.42	0.03232	(12022724)	493439.48	3762105.84	0.02403	(12022724)
493972.90	3763044.23	0.00980	(14012424)	493957.03	3763184.09	0.00945	(16122224)
493583.55	3763480.45	0.01100	(16122224)	493258.47	3763568.15	0.01217	(16122224)
492895.78	3763485.72	0.01458	(16122224)	493781.01	3761659.05	0.02370m	(15123124)
493797.63	3761658.35	0.02349	(16010524)	493831.94	3761631.47	0.02744	(16010524)
493900.20	3761664.01	0.02364	(16010524)	493918.59	3761666.13	0.02327	(16122324)
493929.55	3761662.24	0.02426	(16122324)	493945.82	3761667.90	0.02421	(16122324)
493758.37	3761524.30	0.02790	(14120324)	493961.03	3761672.85	0.02416	(16122324)
493975.18	3761679.57	0.02413	(16122324)	493987.55	3761687.70	0.02374	(16122324)
493998.87	3761697.25	0.02330	(16122324)	494007.71	3761707.51	0.02256	(16122324)
494016.91	3761718.12	0.02168	(16122324)	494024.69	3761730.85	0.02091	(16122324)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID

ALL HIGH 1ST HIGH VALUE IS 0.04973 ON 16011524: AT (494473.73, 3761368.11, 723.51, 723.51, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1152 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1152 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Cons CO\15218
Ph3 Cons CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Cons CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL104       VOLUME     493749.696  3761059.641      695.400
   LOCATION VOL105       VOLUME     493507.450  3761023.328      673.640
   LOCATION VOL107       VOLUME     493890.427  3760919.195      681.330
   LOCATION VOL108       VOLUME     493613.293  3761138.942      682.050
   LOCATION VOL109       VOLUME     493754.025  3761199.426      679.040
   LOCATION VOL111       VOLUME     493779.276  3760960.619      683.690
   LOCATION VOL128       VOLUME     492283.639  3761437.474      678.030
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL150       VOLUME     492416.902  3761421.423      681.890
   LOCATION VOL151       VOLUME     492418.822  3761492.472      683.250
   LOCATION VOL152       VOLUME     493641.420  3761004.972      694.240
   LOCATION VOL153       VOLUME     493890.036  3761134.996      695.440
   LOCATION VOL154       VOLUME     494031.022  3761122.113      705.990
   LOCATION VOL155       VOLUME     492154.198  3761401.356      673.300
   LOCATION VOL156       VOLUME     492288.246  3761527.036      680.030
   LOCATION VOL157       VOLUME     492148.069  3761523.196      686.780
   LOCATION VOL158       VOLUME     493893.533  3760995.881      685.290
   LOCATION VOL159       VOLUME     492019.413  3761381.098      662.590
   LOCATION VOL160       VOLUME     492009.812  3761515.515      681.150
   LOCATION VOL161       VOLUME     494132.663  3761649.533      709.980
   LOCATION VOL162       VOLUME     494261.206  3761648.353      714.530
   LOCATION VOL163       VOLUME     494491.167  3761223.809      717.430
   LOCATION VOL164       VOLUME     494629.144  3761134.183      709.500
   LOCATION VOL165       VOLUME     494493.526  3761083.473      708.580
   LOCATION VOL166       VOLUME     494353.190  3761182.534      720.430
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   LOCATION VOL167       VOLUME     494362.624  3761052.812      710.610
   LOCATION VOL168       VOLUME     494491.167  3761009.178      704.390
   LOCATION VOL169       VOLUME     493392.928  3761788.968      708.460
   LOCATION VOL170       VOLUME     493528.405  3761787.336      707.000
   LOCATION VOL171       VOLUME     491215.229  3762452.664      661.730
   LOCATION VOL172       VOLUME     491230.591  3762314.402      665.540
   LOCATION VOL173       VOLUME     491249.794  3762195.342      671.260
   LOCATION VOL174       VOLUME     491094.249  3762356.648      663.750
   LOCATION VOL175       VOLUME     491115.373  3762216.466      667.790
   LOCATION VOL176       VOLUME     490909.900  3762549.264      633.300
   LOCATION VOL177       VOLUME     490775.478  3762533.317      631.650
   LOCATION VOL178       VOLUME     490637.216  3762519.875      629.070
   LOCATION VOL179       VOLUME     491078.887  3762466.106      660.660
   LOCATION VOL180       VOLUME     490498.954  3762512.193      635.840
   LOCATION VOL181       VOLUME     490364.532  3762573.643      671.030
   LOCATION VOL182       VOLUME     490364.532  3762435.381      676.870
   LOCATION VOL183       VOLUME     490410.620  3762373.931      664.610
   LOCATION VOL184       VOLUME     490326.126  3762302.880      660.860
   LOCATION VOL185       VOLUME     490228.190  3762571.723      657.380
   LOCATION VOL186       VOLUME     490230.111  3762441.142      673.280
   LOCATION VOL187       VOLUME     490195.545  3762302.880      671.310
   LOCATION VOL188       VOLUME     490220.509  3762166.538      664.260
   LOCATION VOL189       VOLUME     490089.928  3762523.715      653.350
   LOCATION VOL190       VOLUME     490088.008  3762385.453      661.110
   LOCATION VOL191       VOLUME     489955.507  3762475.707      643.010
   LOCATION VOL192       VOLUME     490001.594  3762333.605      667.880
   LOCATION VOL193       VOLUME     490151.378  3762034.037      659.930
   LOCATION VOL194       VOLUME     490091.849  3762249.111      666.270
   LOCATION VOL195       VOLUME     489953.586  3762197.263      681.110
   LOCATION VOL196       VOLUME     490086.088  3762112.769      673.540
   LOCATION VOL197       VOLUME     489947.825  3762124.291      673.200
   LOCATION VOL198       VOLUME     489892.136  3762473.787      651.240
   LOCATION VOL199       VOLUME     489853.730  3762070.522      673.760
   LOCATION VOL200       VOLUME     489869.093  3761938.021      668.150
   LOCATION VOL201       VOLUME     489974.710  3761826.643      660.400
   LOCATION VOL202       VOLUME     490116.813  3761751.751      671.890
   LOCATION VOL203       VOLUME     490256.995  3761690.301      674.720
   LOCATION VOL204       VOLUME     490393.337  3761665.337      678.070
   LOCATION VOL205       VOLUME     490527.758  3761682.620      679.320
   LOCATION VOL206       VOLUME     490667.941  3761671.098      675.280
   LOCATION VOL207       VOLUME     490808.123  3761617.330      676.030
   LOCATION VOL208       VOLUME     490946.386  3761582.764      678.760
   LOCATION VOL209       VOLUME     491080.807  3761582.764      667.820
   LOCATION VOL210       VOLUME     491220.990  3761577.003      664.830
   LOCATION VOL211       VOLUME     491357.332  3761571.242      660.970
   LOCATION VOL212       VOLUME     491439.905  3761617.330      666.070
   LOCATION VOL213       VOLUME     491340.049  3762517.954      684.400
   LOCATION VOL214       VOLUME     491466.789  3762508.353      683.340
   LOCATION VOL215       VOLUME     490943.670  3762440.214      631.910
   LOCATION VOL216       VOLUME     494028.049  3760984.581      693.680
   LOCATION VOL217       VOLUME     494030.153  3760923.557      693.640
   LOCATION VOL218       VOLUME     494169.035  3761123.463      703.550
   LOCATION VOL219       VOLUME     494169.035  3760982.477      693.170
   LOCATION VOL220       VOLUME     494263.727  3761119.254      696.820
   LOCATION VOL221       VOLUME     494267.936  3761009.832      695.080
** Source Parameters **
   SRCPARAM VOL104       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL105       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL107       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL108       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL109       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL111       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL128       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL130       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL131       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL132       0.0210628987     5.000    31.816     1.400
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SRCPARAM VOL133       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL150       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL151       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL152       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL153       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL154       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL155       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL156       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL157       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL158       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL159       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL160       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL161       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL162       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL163       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL164       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL165       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL166       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL167       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL168       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL169       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL170       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL171       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL172       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL173       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL174       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL175       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL176       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL177       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL178       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL179       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL180       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL181       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL182       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL183       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL184       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL185       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL186       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL187       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL188       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL189       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL190       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL191       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL192       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL193       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL194       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL195       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL196       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL197       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL198       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL199       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL200       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL201       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL202       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL203       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL204       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL205       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL206       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL207       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL208       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL209       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL210       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL211       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL212       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL213       0.0210628987     5.000    31.816     1.400
SRCPARAM VOL214       0.0210628987     5.000    31.816     1.400
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   SRCPARAM VOL215       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL216       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL217       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL218       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL219       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL220       0.0210628987     5.000    31.816     1.400
   SRCPARAM VOL221       0.0210628987     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL150       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL151       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL152       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL153       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL154       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL155       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL156       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL157       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL158       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL159       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL160       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL161       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL162       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL163       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL164       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL165       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL166       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL167       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL168       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL169       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL170       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL171       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL172       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL173       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL174       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL175       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL176       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL177       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL178       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL179       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL180       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL181       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL182       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL183       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL184       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL185       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL186       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL187       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL188       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL189       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL190       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL191       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL192       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL193       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL194       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL195       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL196       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL197       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL198       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL199       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL200       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL201       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL202       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL203       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL204       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL205       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL206       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL207       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL208       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL209       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL210       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL211       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL212       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
```

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   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL213       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL214       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL215       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Cons CO.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH3 CONS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH3 CONS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph3 Cons CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1477       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1477       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Cons
CO.err
**File for Summary of Results: 15218 Ph3 Cons
CO.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL104	0	0.21063E-01	493749.7	3761059.6	695.4	5.00	31.82	1.40	YES HRDOW
VOL105	0	0.21063E-01	493507.5	3761023.3	673.6	5.00	31.82	1.40	YES HRDOW
VOL107	0	0.21063E-01	493890.4	3760919.2	681.3	5.00	31.82	1.40	YES HRDOW
VOL108	0	0.21063E-01	493613.3	3761138.9	682.0	5.00	31.82	1.40	YES HRDOW
VOL109	0	0.21063E-01	493754.0	3761199.4	679.0	5.00	31.82	1.40	YES HRDOW
VOL111	0	0.21063E-01	493779.3	3760960.6	683.7	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.21063E-01	492283.6	3761437.5	678.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.21063E-01	493065.2	3761816.8	708.6	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.21063E-01	493058.6	3761717.7	705.2	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.21063E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.21063E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40	YES HRDOW
VOL150	0	0.21063E-01	492416.9	3761421.4	681.9	5.00	31.82	1.40	YES HRDOW
VOL151	0	0.21063E-01	492418.8	3761492.5	683.2	5.00	31.82	1.40	YES HRDOW
VOL152	0	0.21063E-01	493641.4	3761005.0	694.2	5.00	31.82	1.40	YES HRDOW
VOL153	0	0.21063E-01	493890.0	3761135.0	695.4	5.00	31.82	1.40	YES HRDOW
VOL154	0	0.21063E-01	494031.0	3761122.1	706.0	5.00	31.82	1.40	YES HRDOW
VOL155	0	0.21063E-01	492154.2	3761401.4	673.3	5.00	31.82	1.40	YES HRDOW

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 VOL156          0   0.21063E-01  492288.2 3761527.0   680.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL157          0   0.21063E-01  492148.1 3761523.2   686.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL158          0   0.21063E-01  493893.5 3760995.9   685.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL159          0   0.21063E-01  492019.4 3761381.1   662.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL160          0   0.21063E-01  492009.8 3761515.5   681.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL161          0   0.21063E-01  494132.7 3761649.5   710.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL162          0   0.21063E-01  494261.2 3761648.4   714.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL163          0   0.21063E-01  494491.2 3761223.8   717.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL164          0   0.21063E-01  494629.1 3761134.2   709.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL165          0   0.21063E-01  494493.5 3761083.5   708.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL166          0   0.21063E-01  494353.2 3761182.5   720.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL167          0   0.21063E-01  494362.6 3761052.8   710.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL168          0   0.21063E-01  494491.2 3761009.2   704.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL169          0   0.21063E-01  493392.9 3761789.0   708.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL170          0   0.21063E-01  493528.4 3761787.3   707.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL171          0   0.21063E-01  491215.2 3762452.7   661.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL172          0   0.21063E-01  491230.6 3762314.4   665.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL173          0   0.21063E-01  491249.8 3762195.3   671.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL174          0   0.21063E-01  491094.2 3762356.6   663.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL175          0   0.21063E-01  491115.4 3762216.5   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL176          0   0.21063E-01  490909.9 3762549.3   633.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL177          0   0.21063E-01  490775.5 3762533.3   631.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL178          0   0.21063E-01  490637.2 3762519.9   629.1     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -
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VOL179 0 0.21063E-01 491078.9 3762466.1 660.7 5.00 31.82 1.40
YES HRDOW NO
VOL180 0 0.21063E-01 490499.0 3762512.2 635.8 5.00 31.82 1.40
YES HRDOW NO
VOL181 0 0.21063E-01 490364.5 3762573.6 671.0 5.00 31.82 1.40
YES HRDOW NO
VOL182 0 0.21063E-01 490364.5 3762435.4 676.9 5.00 31.82 1.40
YES HRDOW NO
VOL183 0 0.21063E-01 490410.6 3762373.9 664.6 5.00 31.82 1.40
YES HRDOW NO
VOL184 0 0.21063E-01 490326.1 3762302.9 660.9 5.00 31.82 1.40
YES HRDOW NO
VOL185 0 0.21063E-01 490228.2 3762571.7 657.4 5.00 31.82 1.40
YES HRDOW NO
VOL186 0 0.21063E-01 490230.1 3762441.1 673.3 5.00 31.82 1.40
YES HRDOW NO
VOL187 0 0.21063E-01 490195.5 3762302.9 671.3 5.00 31.82 1.40
YES HRDOW NO
VOL188 0 0.21063E-01 490220.5 3762166.5 664.3 5.00 31.82 1.40
YES HRDOW NO
VOL189 0 0.21063E-01 490089.9 3762523.7 653.3 5.00 31.82 1.40
YES HRDOW NO
VOL190 0 0.21063E-01 490088.0 3762385.5 661.1 5.00 31.82 1.40
YES HRDOW NO
VOL191 0 0.21063E-01 489955.5 3762475.7 643.0 5.00 31.82 1.40
YES HRDOW NO
VOL192 0 0.21063E-01 490001.6 3762333.6 667.9 5.00 31.82 1.40
YES HRDOW NO
VOL193 0 0.21063E-01 490151.4 3762034.0 659.9 5.00 31.82 1.40
YES HRDOW NO
VOL194 0 0.21063E-01 490091.8 3762249.1 666.3 5.00 31.82 1.40
YES HRDOW NO
VOL195 0 0.21063E-01 489953.6 3762197.3 681.1 5.00 31.82 1.40
YES HRDOW NO
VOL196 0 0.21063E-01 490086.1 3762112.8 673.5 5.00 31.82 1.40
YES HRDOW NO
VOL197 0 0.21063E-01 489947.8 3762124.3 673.2 5.00 31.82 1.40
YES HRDOW NO
VOL198 0 0.21063E-01 489892.1 3762473.8 651.2 5.00 31.82 1.40
YES HRDOW NO
VOL199 0 0.21063E-01 489853.7 3762070.5 673.8 5.00 31.82 1.40
YES HRDOW NO
VOL200 0 0.21063E-01 489869.1 3761938.0 668.1 5.00 31.82 1.40
YES HRDOW NO
VOL201 0 0.21063E-01 489974.7 3761826.6 660.4 5.00 31.82 1.40
YES HRDOW NO
VOL202 0 0.21063E-01 490116.8 3761751.8 671.9 5.00 31.82 1.40
YES HRDOW NO
VOL203 0 0.21063E-01 490257.0 3761690.3 674.7 5.00 31.82 1.40
YES HRDOW NO
VOL204 0 0.21063E-01 490393.3 3761665.3 678.1 5.00 31.82 1.40
YES HRDOW NO
VOL205 0 0.21063E-01 490527.8 3761682.6 679.3 5.00 31.82 1.40
YES HRDOW NO
VOL206 0 0.21063E-01 490667.9 3761671.1 675.3 5.00 31.82 1.40
YES HRDOW NO
VOL207 0 0.21063E-01 490808.1 3761617.3 676.0 5.00 31.82 1.40
YES HRDOW NO
VOL208 0 0.21063E-01 490946.4 3761582.8 678.8 5.00 31.82 1.40
YES HRDOW NO
VOL209 0 0.21063E-01 491080.8 3761582.8 667.8 5.00 31.82 1.40
YES HRDOW NO
VOL210 0 0.21063E-01 491221.0 3761577.0 664.8 5.00 31.82 1.40
YES HRDOW NO
VOL211 0 0.21063E-01 491357.3 3761571.2 661.0 5.00 31.82 1.40
YES HRDOW NO

```
 VOL212          0   0.21063E-01  491439.9 3761617.3   666.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL213          0   0.21063E-01  491340.0 3762518.0   684.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL214          0   0.21063E-01  491466.8 3762508.4   683.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL215          0   0.21063E-01  490943.7 3762440.2   631.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL216          0   0.21063E-01  494028.0 3760984.6   693.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL217          0   0.21063E-01  494030.2 3760923.6   693.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL218          0   0.21063E-01  494169.0 3761123.5   703.5     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL219          0   0.21063E-01  494169.0 3760982.5   693.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL220          0   0.21063E-01  494263.7 3761119.3   696.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL221          0   0.21063E-01  494267.9 3761009.8   695.1     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL104      , VOL105      , VOL107      , VOL108      , VOL109      , VOL111      ,
  VOL128      , VOL130      ,

             VOL131      , VOL132      , VOL133      , VOL150      , VOL151      , VOL152      ,
             VOL153      , VOL154      ,

             VOL155      , VOL156      , VOL157      , VOL158      , VOL159      , VOL160      ,
             VOL161      , VOL162      ,

             VOL163      , VOL164      , VOL165      , VOL166      , VOL167      , VOL168      ,
             VOL169      , VOL170      ,
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VOL171 , VOL172 , VOL173 , VOL174 , VOL175 , VOL176 ,
VOL177 , VOL178 ,

VOL179 , VOL180 , VOL181 , VOL182 , VOL183 , VOL184 ,
VOL185 , VOL186 ,

VOL187 , VOL188 , VOL189 , VOL190 , VOL191 , VOL192 ,
VOL193 , VOL194 ,

VOL195 , VOL196 , VOL197 , VOL198 , VOL199 , VOL200 ,
VOL201 , VOL202 ,

VOL203 , VOL204 , VOL205 , VOL206 , VOL207 , VOL208 ,
VOL209 , VOL210 ,

VOL211 , VOL212 , VOL213 , VOL214 , VOL215 , VOL216 ,
VOL217 , VOL218 ,

VOL219 , VOL220 , VOL221 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL104 , VOL105 , VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 ,

VOL131 , VOL132 , VOL133 , VOL150 , VOL151 , VOL152 ,
VOL153 , VOL154 ,

VOL155 , VOL156 , VOL157 , VOL158 , VOL159 , VOL160 ,
VOL161 , VOL162 ,

VOL163 , VOL164 , VOL165 , VOL166 , VOL167 , VOL168 ,
VOL169 , VOL170 ,

VOL171 , VOL172 , VOL173 , VOL174 , VOL175 , VOL176 ,
VOL177 , VOL178 ,

VOL179 , VOL180 , VOL181 , VOL182 , VOL183 , VOL184 ,
VOL185 , VOL186 ,

VOL187 , VOL188 , VOL189 , VOL190 , VOL191 , VOL192 ,
VOL193 , VOL194 ,

VOL195 , VOL196 , VOL197 , VOL198 , VOL199 , VOL200 ,
VOL201 , VOL202 ,

VOL203 , VOL204 , VOL205 , VOL206 , VOL207 , VOL208 ,
VOL209 , VOL210 ,

VOL211 , VOL212 , VOL213 , VOL214 , VOL215 , VOL216 ,
VOL217 , VOL218 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL107       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL108       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL128       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL150 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL151 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL152       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL153 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL157 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL159       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL160       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL162 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL163 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL166       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL167       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL168       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL169       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                      PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL170       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL171 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL172 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL173 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL174 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL175 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL176 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL177 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL178 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL179 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL180 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL181 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL182 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL183 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01										

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL184 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL185 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL187 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:37:24

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL188 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL189 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL190 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL191 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:37:24

                     PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL193       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:37:24

                     PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL194 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL195 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL196   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL198 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL200 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL202 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL203 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL204 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL205 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL206 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL207 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL208 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL209 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL210 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       16:37:24

                      PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL211       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       16:37:24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:37:24

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL214 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL215 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL218       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
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(HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8,	3762037.3,	711.3,	711.3,	2.0);	(493410.0,	3761986.4,	713.0,	713.0,	2.0);
(493417.5,	3761973.0,	713.0,	713.0,	2.0);	(493468.3,	3761958.4,	714.0,	714.0,	2.0);
(493499.8,	3761947.4,	713.9,	713.9,	2.0);	(493614.4,	3761892.8,	711.3,	711.3,	2.0);
(493613.7,	3761905.0,	712.0,	712.0,	2.0);	(493614.4,	3761917.1,	712.9,	712.9,	2.0);
(493614.4,	3761927.4,	713.5,	713.5,	2.0);	(493613.3,	3761940.2,	714.2,	714.2,	2.0);
(493616.5,	3761952.1,	714.8,	714.8,	2.0);	(493615.2,	3761961.7,	715.2,	715.2,	2.0);
(493614.5,	3761973.8,	715.6,	715.6,	2.0);	(493614.0,	3761985.0,	716.0,	716.0,	2.0);
(493613.7,	3761996.5,	716.0,	716.0,	2.0);	(493614.2,	3762007.4,	716.0,	716.0,	2.0);
(493615.8,	3762018.6,	716.0,	716.0,	2.0);	(493614.7,	3762025.7,	716.1,	716.1,	2.0);

(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7,
716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6,
716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5,
707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8,
710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6,
712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);

(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5

```
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:37:24

                      PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL104      , VOL105      ,
                                 VOL107      , VOL108      , VOL109      ,
                  VOL111      , VOL128      , VOL130      , VOL131      , VOL132      ,
                  VOL133      , VOL150      , VOL151      ,
                  VOL152      , VOL153      , VOL154      , VOL155      , VOL156      ,
                  VOL157      , VOL158      , VOL159      ,
                  VOL160      , VOL161      , VOL162      , VOL163      , VOL164      ,
                  VOL165      , VOL166      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO       IN
                                       MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
- - - -
```

493499.84 3761947.37 5.11349 (12022716) 493614.36
3761892.81 8.93445 (12022716)
493613.66 3761905.05 8.34812 (12022716) 493614.36
3761917.12 7.66901 (12022716)
493614.36 3761927.44 7.11417 (12022716) 493613.31
3761940.20 6.47454 (12022716)
493616.46 3761952.10 5.92289 (12022716) 493615.23
3761961.71 5.52138 (12022716)
493614.53 3761973.78 5.06191 (12022716) 493614.01
3761984.98 4.67908 (12022716)
493613.66 3761996.52 4.33142 (12022716) 493614.18
3762007.36 4.04419 (12022716)
493615.76 3762018.56 3.78344 (12022716) 493614.71
3762025.73 3.61350 (12022716)
493614.36 3762035.00 3.41661 (12022716) 493613.13
3762043.74 3.23913 (12022716)
493613.66 3762052.14 3.09252 (12022716) 493613.83
3762061.58 2.93770 (12022716)
493614.18 3762071.55 2.78921 (12022716) 493696.46
3761742.53 3.91518 (14010316)
493707.35 3761768.92 3.66714 (15121016) 493727.98
3761742.80 3.82245 (12121716)
493755.61 3761733.69 4.13829 (12121716) 493750.48
3761720.58 4.29190 (12121716)
493745.92 3761709.48 3.83595 (12121716) 493741.37
3761696.95 3.84426 (12121716)
493738.52 3761681.00 3.80662 (12121716) 493737.38
3761663.91 4.17521 (12121716)
493736.52 3761651.38 3.88684 (16122116) 494418.08
3761416.13 8.30007 (12022716)
494473.73 3761368.11 11.61603 (12022716) 494939.85
3761394.35 3.26237 (16112816)
494686.37 3761403.42 8.28910 (12022716) 494575.98
3761568.60 5.82129 (12022716)
494541.49 3761602.79 5.04331 (12022716) 494822.53
3761435.24 5.28425 (12022716)
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3761535.78 5.04720 (12022716)
494837.90 3761553.12 5.06828 (12022716) 494885.61
3761199.09 4.47702 (13010916)
494976.68 3761325.65 3.71505 (16112816) 494985.35
3761366.25 3.50136 (16112816)
495070.90 3761299.23 2.23404 (16112816) 495115.47
3760632.60 4.68327 (12121716)
495069.03 3760685.30 5.11674 (12121716) 495087.55
3760728.31 5.41058 (12121716)
495079.90 3760834.52 5.53341 (12121716) 495202.38
3760883.65 4.81198 (12121716)
495237.63 3760939.31 4.08024 (12121716) 495298.45
3761048.56 2.65660 (12121716)
490844.43 3759375.83 0.53036 (14021809) 490895.79
3759357.70 0.52043 (14021809)
490596.67 3759246.67 0.55876 (14021809) 489103.59
3759859.22 0.74457 (12021516)
488940.48 3759893.26 0.81250 (12021516) 488472.34
3759865.64 0.98502 (12021516)
488432.53 3759884.27 1.00750 (12021516) 488713.15
3759827.76 0.85796 (12021516)
487562.29 3760285.62 0.46235 (16012009) 487809.35
3760420.86 0.47456 (16012009)
487553.10 3761208.24 0.69936 (16102416) 487899.76
3760972.40 0.61312 (16102416)
487983.18 3762301.23 1.49725 (16123016) 487913.66
3762403.25 1.50495 (16123016)
487890.59 3762238.09 1.41043 (16123016) 488190.14
3762513.88 1.66800 (16123016)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL104 , VOL105 ,
VOL107 , VOL108 , VOL109 ,
VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
VOL133 , VOL150 , VOL151 ,
VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
VOL157 , VOL158 , VOL159 ,
VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
VOL165 , VOL166 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	4.65950	(12022716)	491132.33	3762903.51	4.36877	(12022716)
492890.84	3762203.51	2.13324	(12022716)	492961.55	3762258.51	1.86807	(12022716)
493033.99	3762272.60	1.65469	(12022716)	493032.31	3762205.18	1.71702	(12022716)
493087.32	3762215.25	1.63108	(12022716)	493079.94	3762296.41	1.55503	(12022716)
493163.79	3762367.18	1.53394	(12022716)	493068.87	3762510.05	1.30460	(12022716)
493101.07	3762454.71	1.38612	(12022716)	493281.84	3762369.19	1.82600	(12022716)
493351.51	3762095.42	4.26213	(12022716)	493439.48	3762105.84	2.64654	(12022716)
493972.90	3763044.23	1.32544	(14123016)	493957.03	3763184.09	1.20393	(14123016)
493583.55	3763480.45	1.04403	(16112816)	493258.47	3763568.15	1.01002	(16112816)
492895.78	3763485.72	0.85227	(16112816)	493781.01	3761659.05	4.35317	(12121716)
493797.63	3761658.35	4.25887	(12121716)	493831.94	3761631.47	4.01157	(12121716)
493900.20	3761664.01	3.66392	(16123016)	493918.59	3761666.13	4.17841	(16123016)
493929.55	3761662.24	4.47153	(16123016)	493945.82	3761667.90	5.05283	(16123016)
493758.37	3761524.30	4.36682	(16122116)	493961.03	3761672.85	5.63236	(16123016)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL104 , VOL105 , VOL107 , VOL108 , VOL109 ,
VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
VOL133 , VOL150 , VOL151 ,
VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
VOL157 , VOL158 , VOL159 ,
VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
VOL165 , VOL166 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	1.12598	(16122316)	493409.97	3761986.39	1.36520	(16122316)
493417.46	3761972.99	1.45610	(16122316)	493468.31	3761958.40	1.50024	(13121916)
493499.84	3761947.37	1.65511	(12022716)	493614.36	3761892.81	1.71859	(12022716)
493613.66	3761905.05	1.62504	(12022716)	493614.36	3761917.12	1.51242	(12022716)
493614.36	3761927.44	1.42425	(12022716)	493613.31	3761940.20	1.32728	(12022716)
493616.46	3761952.10	1.22851	(12022716)	493615.23	3761961.71	1.16876	(12022716)
493614.53	3761973.78	1.09711	(12022716)	493614.01	3761984.98	1.03618	(12022716)
493613.66	3761996.52	0.98032	(12022716)	493614.18	3762007.36	0.93177	(12022716)
493615.76	3762018.56	0.88515	(12022716)	493614.71	3762025.73	0.85845	(12022716)
493614.36	3762035.00	0.82546	(12022716)	493613.13	3762043.74	0.79686	(12022716)
493613.66	3762052.14	0.77032	(12022716)	493613.83	3762061.58	0.75824	(16122116)
493614.18	3762071.55	0.74651	(16122116)	493696.46	3761742.53	1.94838	(12042316)
493707.35	3761768.92	1.78465	(12042316)	493727.98	3761742.80	1.60981	(12042316)
493755.61	3761733.69	1.38087	(12042316)	493750.48	3761720.58	1.40129	(12042316)
493745.92	3761709.48	1.40390	(12042316)	493741.37	3761696.95	1.38617	(12042316)
493738.52	3761681.00	1.32737	(12042316)	493737.38	3761663.91	1.24212	(12042316)

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      493736.52   3761651.38        1.17915  (12042316)                494418.08
      3761416.13        2.20496  (12022716)
      494473.73   3761368.11        2.94488  (12022716)                494939.85
      3761394.35        0.80249  (16112816)
      494686.37   3761403.42        1.28448  (12022716)                494575.98
      3761568.60        1.06054  (12022716)
      494541.49   3761602.79        0.97996  (12022716)                494822.53
      3761435.24        0.85308  (12121816)
      494846.18   3761504.63        0.69883  (13112016)                494841.06
      3761535.78        0.68873  (12022716)
      494837.90   3761553.12        0.69312  (12022716)                494885.61
      3761199.09        1.63481  (16011516)
      494976.68   3761325.65        0.88854  (16112816)                494985.35
      3761366.25        0.82713  (16112816)
      495070.90   3761299.23        0.82021  (16011516)                495115.47
      3760632.60        0.90772  (12121716)
      495069.03   3760685.30        0.98919  (12121716)                495087.55
      3760728.31        1.03060  (12121716)
      495079.90   3760834.52        1.06941  (12121716)                495202.38
      3760883.65        0.92212  (12121716)
      495237.63   3760939.31        0.80895  (12121716)                495298.45
      3761048.56        0.73362  (16011516)
      490844.43   3759375.83        0.30393  (13012516)                490895.79
      3759357.70        0.30350  (13012516)
      490596.67   3759246.67        0.29451  (13012516)                489103.59
      3759859.22        0.31147  (15122216)
      488940.48   3759893.26        0.30709  (15122216)                488472.34
      3759865.64        0.29704  (13012516)
      488432.53   3759884.27        0.29973  (13012516)                488713.15
      3759827.76        0.29434  (15122216)
      487562.29   3760285.62        0.29571  (13012516)                487809.35
      3760420.86        0.31571  (13012516)
      487553.10   3761208.24        0.32045  (15122216)                487899.76
      3760972.40        0.33752  (15122216)
      487983.18   3762301.23        0.38681  (12121316)                487913.66
      3762403.25        0.38864  (16123016)
      487890.59   3762238.09        0.37121  (12121316)                488190.14
      3762513.88        0.43567  (16123016)
      488424.39   3762586.51        0.47405  (16123016)                488657.54
      3762495.87        0.53432  (16123016)
      488908.17   3762583.23        0.60405  (16123016)                489170.26
      3762660.77        0.79696  (16010616)
      489382.17   3762809.64        1.07321  (16010616)                489294.91
      3762783.65        0.96230  (16010616)
      489889.72   3762661.22        3.03149  (16010616)                490022.93
      3762783.29        1.83647  (16122316)
      490423.96   3762839.25        1.67202  (12022716)                490375.94
      3762870.37        1.48877  (12022716)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:37:24

                     PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL104      , VOL105      ,
                               VOL107      , VOL108      , VOL109      ,
                  VOL111      , VOL128      , VOL130      , VOL131      , VOL132      ,
                  VOL133      , VOL150      , VOL151      ,
                  VOL152      , VOL153      , VOL154      , VOL155      , VOL156      ,
                  VOL157      , VOL158      , VOL159      ,
                  VOL160      , VOL161      , VOL162      , VOL163      , VOL164      ,
                  VOL165      , VOL166      ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.93768	(12022716)	491132.33	3762903.51	1.07893	(12022716)
492890.84	3762203.51	0.86543	(13121916)	492961.55	3762258.51	0.71949	(13121916)
493033.99	3762272.60	0.64722	(13121916)	493032.31	3762205.18	0.72872	(13121916)
493087.32	3762215.25	0.71678	(13121916)	493079.94	3762296.41	0.62431	(14012416)
493163.79	3762367.18	0.59630	(14012416)	493068.87	3762510.05	0.55906	(14012416)
493101.07	3762454.71	0.57086	(14012416)	493281.84	3762369.19	0.58631	(14012416)
493351.51	3762095.42	1.02862	(12022716)	493439.48	3762105.84	0.81064	(12022716)
493972.90	3763044.23	0.40427	(14012416)	493957.03	3763184.09	0.39057	(14012416)
493583.55	3763480.45	0.38169	(14012416)	493258.47	3763568.15	0.38559	(14012416)
492895.78	3763485.72	0.41234	(14012416)	493781.01	3761659.05	1.06529	(12042316)
493797.63	3761658.35	1.05423	(16122116)	493831.94	3761631.47	1.06313	(16122116)
493900.20	3761664.01	1.06009	(16122116)	493918.59	3761666.13	1.11201	(16010616)
493929.55	3761662.24	1.17014	(16010616)	493945.82	3761667.90	1.27511	(16010616)
493758.37	3761524.30	1.17337	(16122116)	493961.03	3761672.85	1.41666	(16010616)
493975.18	3761679.57	1.62668	(16010616)	493987.55	3761687.70	1.84056	(16010616)
493998.87	3761697.25	2.07705	(16010616)	494007.71	3761707.51	2.22442	(16010616)
494016.91	3761718.12	2.31112	(16010616)	494024.69	3761730.85	2.36376	(16010616)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID

ALL HIGH 1ST HIGH VALUE IS 11.61603 ON 12022716: AT (494473.73, 3761368.11, 723.51, 723.51, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:37:24

PAGE 99
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 3.03149 ON 16010616: AT (489889.72, 3762661.22, 633.96, 683.00, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:37:24

PAGE 100
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********

```
ME W186    1477       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1477       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Cons NOX\15218
Ph3 Cons NOX.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Cons NOX.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL104       VOLUME     493749.696  3761059.641      695.400
   LOCATION VOL105       VOLUME     493507.450  3761023.328      673.640
   LOCATION VOL107       VOLUME     493890.427  3760919.195      681.330
   LOCATION VOL108       VOLUME     493613.293  3761138.942      682.050
   LOCATION VOL109       VOLUME     493754.025  3761199.426      679.040
   LOCATION VOL111       VOLUME     493779.276  3760960.619      683.690
   LOCATION VOL128       VOLUME     492283.639  3761437.474      678.030
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL150       VOLUME     492416.902  3761421.423      681.890
   LOCATION VOL151       VOLUME     492418.822  3761492.472      683.250
   LOCATION VOL152       VOLUME     493641.420  3761004.972      694.240
   LOCATION VOL153       VOLUME     493890.036  3761134.996      695.440
   LOCATION VOL154       VOLUME     494031.022  3761122.113      705.990
   LOCATION VOL155       VOLUME     492154.198  3761401.356      673.300
   LOCATION VOL156       VOLUME     492288.246  3761527.036      680.030
   LOCATION VOL157       VOLUME     492148.069  3761523.196      686.780
   LOCATION VOL158       VOLUME     493893.533  3760995.881      685.290
   LOCATION VOL159       VOLUME     492019.413  3761381.098      662.590
   LOCATION VOL160       VOLUME     492009.812  3761515.515      681.150
   LOCATION VOL161       VOLUME     494132.663  3761649.533      709.980
   LOCATION VOL162       VOLUME     494261.206  3761648.353      714.530
   LOCATION VOL163       VOLUME     494491.167  3761223.809      717.430
   LOCATION VOL164       VOLUME     494629.144  3761134.183      709.500
   LOCATION VOL165       VOLUME     494493.526  3761083.473      708.580
   LOCATION VOL166       VOLUME     494353.190  3761182.534      720.430
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   LOCATION VOL167       VOLUME     494362.624  3761052.812      710.610
   LOCATION VOL168       VOLUME     494491.167  3761009.178      704.390
   LOCATION VOL169       VOLUME     493392.928  3761788.968      708.460
   LOCATION VOL170       VOLUME     493528.405  3761787.336      707.000
   LOCATION VOL171       VOLUME     491215.229  3762452.664      661.730
   LOCATION VOL172       VOLUME     491230.591  3762314.402      665.540
   LOCATION VOL173       VOLUME     491249.794  3762195.342      671.260
   LOCATION VOL174       VOLUME     491094.249  3762356.648      663.750
   LOCATION VOL175       VOLUME     491115.373  3762216.466      667.790
   LOCATION VOL176       VOLUME     490909.900  3762549.264      633.300
   LOCATION VOL177       VOLUME     490775.478  3762533.317      631.650
   LOCATION VOL178       VOLUME     490637.216  3762519.875      629.070
   LOCATION VOL179       VOLUME     491078.887  3762466.106      660.660
   LOCATION VOL180       VOLUME     490498.954  3762512.193      635.840
   LOCATION VOL181       VOLUME     490364.532  3762573.643      671.030
   LOCATION VOL182       VOLUME     490364.532  3762435.381      676.870
   LOCATION VOL183       VOLUME     490410.620  3762373.931      664.610
   LOCATION VOL184       VOLUME     490326.126  3762302.880      660.860
   LOCATION VOL185       VOLUME     490228.190  3762571.723      657.380
   LOCATION VOL186       VOLUME     490230.111  3762441.142      673.280
   LOCATION VOL187       VOLUME     490195.545  3762302.880      671.310
   LOCATION VOL188       VOLUME     490220.509  3762166.538      664.260
   LOCATION VOL189       VOLUME     490089.928  3762523.715      653.350
   LOCATION VOL190       VOLUME     490088.008  3762385.453      661.110
   LOCATION VOL191       VOLUME     489955.507  3762475.707      643.010
   LOCATION VOL192       VOLUME     490001.594  3762333.605      667.880
   LOCATION VOL193       VOLUME     490151.378  3762034.037      659.930
   LOCATION VOL194       VOLUME     490091.849  3762249.111      666.270
   LOCATION VOL195       VOLUME     489953.586  3762197.263      681.110
   LOCATION VOL196       VOLUME     490086.088  3762112.769      673.540
   LOCATION VOL197       VOLUME     489947.825  3762124.291      673.200
   LOCATION VOL198       VOLUME     489892.136  3762473.787      651.240
   LOCATION VOL199       VOLUME     489853.730  3762070.522      673.760
   LOCATION VOL200       VOLUME     489869.093  3761938.021      668.150
   LOCATION VOL201       VOLUME     489974.710  3761826.643      660.400
   LOCATION VOL202       VOLUME     490116.813  3761751.751      671.890
   LOCATION VOL203       VOLUME     490256.995  3761690.301      674.720
   LOCATION VOL204       VOLUME     490393.337  3761665.337      678.070
   LOCATION VOL205       VOLUME     490527.758  3761682.620      679.320
   LOCATION VOL206       VOLUME     490667.941  3761671.098      675.280
   LOCATION VOL207       VOLUME     490808.123  3761617.330      676.030
   LOCATION VOL208       VOLUME     490946.386  3761582.764      678.760
   LOCATION VOL209       VOLUME     491080.807  3761582.764      667.820
   LOCATION VOL210       VOLUME     491220.990  3761577.003      664.830
   LOCATION VOL211       VOLUME     491357.332  3761571.242      660.970
   LOCATION VOL212       VOLUME     491439.905  3761617.330      666.070
   LOCATION VOL213       VOLUME     491340.049  3762517.954      684.400
   LOCATION VOL214       VOLUME     491466.789  3762508.353      683.340
   LOCATION VOL215       VOLUME     490943.670  3762440.214      631.910
   LOCATION VOL216       VOLUME     494028.049  3760984.581      693.680
   LOCATION VOL217       VOLUME     494030.153  3760923.557      693.640
   LOCATION VOL218       VOLUME     494169.035  3761123.463      703.550
   LOCATION VOL219       VOLUME     494169.035  3760982.477      693.170
   LOCATION VOL220       VOLUME     494263.727  3761119.254      696.820
   LOCATION VOL221       VOLUME     494267.936  3761009.832      695.080
** Source Parameters **
   SRCPARAM VOL104       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL105       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL107       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL108       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL109       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL111       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL128       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL130       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL131       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL132       0.014838907     5.000    31.816     1.400
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SRCPARAM VOL133       0.014838907     5.000    31.816     1.400
SRCPARAM VOL150       0.014838907     5.000    31.816     1.400
SRCPARAM VOL151       0.014838907     5.000    31.816     1.400
SRCPARAM VOL152       0.014838907     5.000    31.816     1.400
SRCPARAM VOL153       0.014838907     5.000    31.816     1.400
SRCPARAM VOL154       0.014838907     5.000    31.816     1.400
SRCPARAM VOL155       0.014838907     5.000    31.816     1.400
SRCPARAM VOL156       0.014838907     5.000    31.816     1.400
SRCPARAM VOL157       0.014838907     5.000    31.816     1.400
SRCPARAM VOL158       0.014838907     5.000    31.816     1.400
SRCPARAM VOL159       0.014838907     5.000    31.816     1.400
SRCPARAM VOL160       0.014838907     5.000    31.816     1.400
SRCPARAM VOL161       0.014838907     5.000    31.816     1.400
SRCPARAM VOL162       0.014838907     5.000    31.816     1.400
SRCPARAM VOL163       0.014838907     5.000    31.816     1.400
SRCPARAM VOL164       0.014838907     5.000    31.816     1.400
SRCPARAM VOL165       0.014838907     5.000    31.816     1.400
SRCPARAM VOL166       0.014838907     5.000    31.816     1.400
SRCPARAM VOL167       0.014838907     5.000    31.816     1.400
SRCPARAM VOL168       0.014838907     5.000    31.816     1.400
SRCPARAM VOL169       0.014838907     5.000    31.816     1.400
SRCPARAM VOL170       0.014838907     5.000    31.816     1.400
SRCPARAM VOL171       0.014838907     5.000    31.816     1.400
SRCPARAM VOL172       0.014838907     5.000    31.816     1.400
SRCPARAM VOL173       0.014838907     5.000    31.816     1.400
SRCPARAM VOL174       0.014838907     5.000    31.816     1.400
SRCPARAM VOL175       0.014838907     5.000    31.816     1.400
SRCPARAM VOL176       0.014838907     5.000    31.816     1.400
SRCPARAM VOL177       0.014838907     5.000    31.816     1.400
SRCPARAM VOL178       0.014838907     5.000    31.816     1.400
SRCPARAM VOL179       0.014838907     5.000    31.816     1.400
SRCPARAM VOL180       0.014838907     5.000    31.816     1.400
SRCPARAM VOL181       0.014838907     5.000    31.816     1.400
SRCPARAM VOL182       0.014838907     5.000    31.816     1.400
SRCPARAM VOL183       0.014838907     5.000    31.816     1.400
SRCPARAM VOL184       0.014838907     5.000    31.816     1.400
SRCPARAM VOL185       0.014838907     5.000    31.816     1.400
SRCPARAM VOL186       0.014838907     5.000    31.816     1.400
SRCPARAM VOL187       0.014838907     5.000    31.816     1.400
SRCPARAM VOL188       0.014838907     5.000    31.816     1.400
SRCPARAM VOL189       0.014838907     5.000    31.816     1.400
SRCPARAM VOL190       0.014838907     5.000    31.816     1.400
SRCPARAM VOL191       0.014838907     5.000    31.816     1.400
SRCPARAM VOL192       0.014838907     5.000    31.816     1.400
SRCPARAM VOL193       0.014838907     5.000    31.816     1.400
SRCPARAM VOL194       0.014838907     5.000    31.816     1.400
SRCPARAM VOL195       0.014838907     5.000    31.816     1.400
SRCPARAM VOL196       0.014838907     5.000    31.816     1.400
SRCPARAM VOL197       0.014838907     5.000    31.816     1.400
SRCPARAM VOL198       0.014838907     5.000    31.816     1.400
SRCPARAM VOL199       0.014838907     5.000    31.816     1.400
SRCPARAM VOL200       0.014838907     5.000    31.816     1.400
SRCPARAM VOL201       0.014838907     5.000    31.816     1.400
SRCPARAM VOL202       0.014838907     5.000    31.816     1.400
SRCPARAM VOL203       0.014838907     5.000    31.816     1.400
SRCPARAM VOL204       0.014838907     5.000    31.816     1.400
SRCPARAM VOL205       0.014838907     5.000    31.816     1.400
SRCPARAM VOL206       0.014838907     5.000    31.816     1.400
SRCPARAM VOL207       0.014838907     5.000    31.816     1.400
SRCPARAM VOL208       0.014838907     5.000    31.816     1.400
SRCPARAM VOL209       0.014838907     5.000    31.816     1.400
SRCPARAM VOL210       0.014838907     5.000    31.816     1.400
SRCPARAM VOL211       0.014838907     5.000    31.816     1.400
SRCPARAM VOL212       0.014838907     5.000    31.816     1.400
SRCPARAM VOL213       0.014838907     5.000    31.816     1.400
SRCPARAM VOL214       0.014838907     5.000    31.816     1.400
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   SRCPARAM VOL215       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL216       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL217       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL218       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL219       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL220       0.014838907     5.000    31.816     1.400
   SRCPARAM VOL221       0.014838907     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL150       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL151       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL152       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL153       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL154       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL155       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL156       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL157       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL158       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL159       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL160       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL161       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL162       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL163       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL164       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL165       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL166       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL167       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL168       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL169       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL170       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL171       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL172       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL173       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL174       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL175       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL176       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL177       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL178       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL179       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL180       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL181       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL182       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL183       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL184       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL185       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL186       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL187       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL188       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL189       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL190       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL191       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL192       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL193       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL194       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL195       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL196       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL197       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL198       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL199       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL200       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL201       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL202       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL203       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL204       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL205       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL206       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL207       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL208       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL209       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL210       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL211       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL212       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL213       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL214       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL215       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Cons NOX.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH3 CONS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph3 Cons NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1477       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1477       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Cons
NOX.err
**File for Summary of Results: 15218 Ph3 Cons
NOX.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	EMISSION RATE SCALAR VARY BY
VOL104	0	0.14839E-01	493749.7	3761059.6	695.4	5.00	31.82	1.40	YES HRDOW
VOL105	0	0.14839E-01	493507.5	3761023.3	673.6	5.00	31.82	1.40	YES HRDOW
VOL107	0	0.14839E-01	493890.4	3760919.2	681.3	5.00	31.82	1.40	YES HRDOW
VOL108	0	0.14839E-01	493613.3	3761138.9	682.0	5.00	31.82	1.40	YES HRDOW
VOL109	0	0.14839E-01	493754.0	3761199.4	679.0	5.00	31.82	1.40	YES HRDOW
VOL111	0	0.14839E-01	493779.3	3760960.6	683.7	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.14839E-01	492283.6	3761437.5	678.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.14839E-01	493065.2	3761816.8	708.6	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.14839E-01	493058.6	3761717.7	705.2	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.14839E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.14839E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40	YES HRDOW
VOL150	0	0.14839E-01	492416.9	3761421.4	681.9	5.00	31.82	1.40	YES HRDOW
VOL151	0	0.14839E-01	492418.8	3761492.5	683.2	5.00	31.82	1.40	YES HRDOW
VOL152	0	0.14839E-01	493641.4	3761005.0	694.2	5.00	31.82	1.40	YES HRDOW
VOL153	0	0.14839E-01	493890.0	3761135.0	695.4	5.00	31.82	1.40	YES HRDOW
VOL154	0	0.14839E-01	494031.0	3761122.1	706.0	5.00	31.82	1.40	YES HRDOW
VOL155	0	0.14839E-01	492154.2	3761401.4	673.3	5.00	31.82	1.40	YES HRDOW
VOL156	0	0.14839E-01	492288.2	3761527.0	680.0	5.00	31.82	1.40	YES HRDOW

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 VOL157           0   0.14839E-01  492148.1 3761523.2   686.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL158           0   0.14839E-01  493893.5 3760995.9   685.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL159           0   0.14839E-01  492019.4 3761381.1   662.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL160           0   0.14839E-01  492009.8 3761515.5   681.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL161           0   0.14839E-01  494132.7 3761649.5   710.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL162           0   0.14839E-01  494261.2 3761648.4   714.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL163           0   0.14839E-01  494491.2 3761223.8   717.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL164           0   0.14839E-01  494629.1 3761134.2   709.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL165           0   0.14839E-01  494493.5 3761083.5   708.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL166           0   0.14839E-01  494353.2 3761182.5   720.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL167           0   0.14839E-01  494362.6 3761052.8   710.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL168           0   0.14839E-01  494491.2 3761009.2   704.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL169           0   0.14839E-01  493392.9 3761789.0   708.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL170           0   0.14839E-01  493528.4 3761787.3   707.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL171           0   0.14839E-01  491215.2 3762452.7   661.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL172           0   0.14839E-01  491230.6 3762314.4   665.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL173           0   0.14839E-01  491249.8 3762195.3   671.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL174           0   0.14839E-01  491094.2 3762356.6   663.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL175           0   0.14839E-01  491115.4 3762216.5   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL176           0   0.14839E-01  490909.9 3762549.3   633.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL177           0   0.14839E-01  490775.5 3762533.3   631.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL178           0   0.14839E-01  490637.2 3762519.9   629.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                    PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL179           0   0.14839E-01  491078.9 3762466.1   660.7     5.00    31.82     1.40
 YES   HRDOW            NO
```

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VOL180          0   0.14839E-01  490499.0 3762512.2   635.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL181          0   0.14839E-01  490364.5 3762573.6   671.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL182          0   0.14839E-01  490364.5 3762435.4   676.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL183          0   0.14839E-01  490410.6 3762373.9   664.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL184          0   0.14839E-01  490326.1 3762302.9   660.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL185          0   0.14839E-01  490228.2 3762571.7   657.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL186          0   0.14839E-01  490230.1 3762441.1   673.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL187          0   0.14839E-01  490195.5 3762302.9   671.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL188          0   0.14839E-01  490220.5 3762166.5   664.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL189          0   0.14839E-01  490089.9 3762523.7   653.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL190          0   0.14839E-01  490088.0 3762385.5   661.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL191          0   0.14839E-01  489955.5 3762475.7   643.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL192          0   0.14839E-01  490001.6 3762333.6   667.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL193          0   0.14839E-01  490151.4 3762034.0   659.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL194          0   0.14839E-01  490091.8 3762249.1   666.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL195          0   0.14839E-01  489953.6 3762197.3   681.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL196          0   0.14839E-01  490086.1 3762112.8   673.5     5.00    31.82     1.40
YES   HRDOW           NO
VOL197          0   0.14839E-01  489947.8 3762124.3   673.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL198          0   0.14839E-01  489892.1 3762473.8   651.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL199          0   0.14839E-01  489853.7 3762070.5   673.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL200          0   0.14839E-01  489869.1 3761938.0   668.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL201          0   0.14839E-01  489974.7 3761826.6   660.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL202          0   0.14839E-01  490116.8 3761751.8   671.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL203          0   0.14839E-01  490257.0 3761690.3   674.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL204          0   0.14839E-01  490393.3 3761665.3   678.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL205          0   0.14839E-01  490527.8 3761682.6   679.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL206          0   0.14839E-01  490667.9 3761671.1   675.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL207          0   0.14839E-01  490808.1 3761617.3   676.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL208          0   0.14839E-01  490946.4 3761582.8   678.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL209          0   0.14839E-01  491080.8 3761582.8   667.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL210          0   0.14839E-01  491221.0 3761577.0   664.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL211          0   0.14839E-01  491357.3 3761571.2   661.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL212          0   0.14839E-01  491439.9 3761617.3   666.1     5.00    31.82     1.40
YES   HRDOW           NO
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 VOL213          0   0.14839E-01  491340.0 3762518.0   684.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL214          0   0.14839E-01  491466.8 3762508.4   683.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL215          0   0.14839E-01  490943.7 3762440.2   631.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL216          0   0.14839E-01  494028.0 3760984.6   693.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL217          0   0.14839E-01  494030.2 3760923.6   693.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL218          0   0.14839E-01  494169.0 3761123.5   703.5     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:42:24

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL219          0   0.14839E-01  494169.0 3760982.5   693.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL220          0   0.14839E-01  494263.7 3761119.3   696.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL221          0   0.14839E-01  494267.9 3761009.8   695.1     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:42:24

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL104      , VOL105      , VOL107      , VOL108      , VOL109      , VOL111      ,
  VOL128      , VOL130      ,

             VOL131      , VOL132      , VOL133      , VOL150      , VOL151      , VOL152      ,
             VOL153      , VOL154      ,

             VOL155      , VOL156      , VOL157      , VOL158      , VOL159      , VOL160      ,
             VOL161      , VOL162      ,

             VOL163      , VOL164      , VOL165      , VOL166      , VOL167      , VOL168      ,
             VOL169      , VOL170      ,

             VOL171      , VOL172      , VOL173      , VOL174      , VOL175      , VOL176      ,
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VOL177 , VOL178 ,

VOL179 , VOL180 , VOL181 , VOL182 , VOL183 , VOL184 ,
VOL185 , VOL186 ,

VOL187 , VOL188 , VOL189 , VOL190 , VOL191 , VOL192 ,
VOL193 , VOL194 ,

VOL195 , VOL196 , VOL197 , VOL198 , VOL199 , VOL200 ,
VOL201 , VOL202 ,

VOL203 , VOL204 , VOL205 , VOL206 , VOL207 , VOL208 ,
VOL209 , VOL210 ,

VOL211 , VOL212 , VOL213 , VOL214 , VOL215 , VOL216 ,
VOL217 , VOL218 ,

VOL219 , VOL220 , VOL221 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24

*** AERMET - VERSION 16216 ***

*** *** 16:42:24

PAGE 6

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL104 , VOL105 , VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 ,

VOL131 , VOL132 , VOL133 , VOL150 , VOL151 , VOL152 ,
VOL153 , VOL154 ,

VOL155 , VOL156 , VOL157 , VOL158 , VOL159 , VOL160 ,
VOL161 , VOL162 ,

VOL163 , VOL164 , VOL165 , VOL166 , VOL167 , VOL168 ,
VOL169 , VOL170 ,

VOL171 , VOL172 , VOL173 , VOL174 , VOL175 , VOL176 ,
VOL177 , VOL178 ,

VOL179 , VOL180 , VOL181 , VOL182 , VOL183 , VOL184 ,
VOL185 , VOL186 ,

VOL187 , VOL188 , VOL189 , VOL190 , VOL191 , VOL192 ,
VOL193 , VOL194 ,

VOL195 , VOL196 , VOL197 , VOL198 , VOL199 , VOL200 ,
VOL201 , VOL202 ,

VOL203 , VOL204 , VOL205 , VOL206 , VOL207 , VOL208 ,
VOL209 , VOL210 ,

VOL211 , VOL212 , VOL213 , VOL214 , VOL215 , VOL216 ,
VOL217 , VOL218 ,

VOL219 , VOL220 , VOL221 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL109       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL111       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL150 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL151 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:42:24

                     PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL152       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:42:24

                     PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
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```
 SOURCE ID = VOL153       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                      PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL154       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL158 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:42:24

PAGE 27
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL159 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL161 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SOURCE ID = VOL162 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL166 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL167 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL168 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL171 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL172 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL173 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL174 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                      PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL175       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                      PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL176       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:42:24

                     PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL177       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:42:24

                     PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL178 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL180   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL182 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL184 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL185 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL186 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL187 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL189 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL190 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL191 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL192 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL193       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL194       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                      PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL195       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL196 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:42:24

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL197 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL198 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL199 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL200 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL201 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL202       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL203 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL205 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL206 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL207 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL209       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL210       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL214 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL215 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

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   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL216       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL217       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL218       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                     PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL219       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:42:24

                      PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL220       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8,	3762037.3,	711.3,	711.3,	2.0);	(493410.0,	3761986.4,	713.0,	713.0,	2.0);
(493417.5,	3761973.0,	713.0,	713.0,	2.0);	(493468.3,	3761958.4,	714.0,	714.0,	2.0);
(493499.8,	3761947.4,	713.9,	713.9,	2.0);	(493614.4,	3761892.8,	711.3,	711.3,	2.0);
(493613.7,	3761905.0,	712.0,	712.0,	2.0);	(493614.4,	3761917.1,	712.9,	712.9,	2.0);
(493614.4,	3761927.4,	713.5,	713.5,	2.0);	(493613.3,	3761940.2,	714.2,	714.2,	2.0);
(493616.5,	3761952.1,	714.8,	714.8,	2.0);	(493615.2,	3761961.7,	715.2,	715.2,	2.0);
(493614.5,	3761973.8,	715.6,	715.6,	2.0);	(493614.0,	3761985.0,	716.0,	716.0,	2.0);
(493613.7,	3761996.5,	716.0,	716.0,	2.0);	(493614.2,	3762007.4,	716.0,	716.0,	2.0);
(493615.8,	3762018.6,	716.0,	716.0,	2.0);	(493614.7,	3762025.7,	716.1,	716.1,	2.0);
(493614.4,	3762035.0,	716.3,	716.3,	2.0);	(493613.1,	3762043.7,	716.4,	716.4,	2.0);

(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);

(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WD	WS HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5

```
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:42:24

                      PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL104      , VOL105      ,
                                 VOL107      , VOL108      , VOL109      ,
                  VOL111      , VOL128      , VOL130      , VOL131      , VOL132      ,
                  VOL133      , VOL150      , VOL151      ,
                  VOL152      , VOL153      , VOL154      , VOL155      , VOL156      ,
                  VOL157      , VOL158      , VOL159      ,
                  VOL160      , VOL161      , VOL162      , VOL163      , VOL164      ,
                  VOL165      , VOL166      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF NOX      IN
                                       MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - -
```

493613.66 3761905.05 5.88129 (12022716) 493614.36
3761917.12 5.40285 (12022716)
493614.36 3761927.44 5.01196 (12022716) 493613.31
3761940.20 4.56134 (12022716)
493616.46 3761952.10 4.17270 (12022716) 493615.23
3761961.71 3.88984 (12022716)
493614.53 3761973.78 3.56614 (12022716) 493614.01
3761984.98 3.29644 (12022716)
493613.66 3761996.52 3.05150 (12022716) 493614.18
3762007.36 2.84915 (12022716)
493615.76 3762018.56 2.66545 (12022716) 493614.71
3762025.73 2.54572 (12022716)
493614.36 3762035.00 2.40701 (12022716) 493613.13
3762043.74 2.28198 (12022716)
493613.66 3762052.14 2.17869 (12022716) 493613.83
3762061.58 2.06962 (12022716)
493614.18 3762071.55 1.96501 (12022716) 493696.46
3761742.53 2.75826 (14010316)
493707.35 3761768.92 2.58351 (15121016) 493727.98
3761742.80 2.69293 (12121716)
493755.61 3761733.69 2.91545 (12121716) 493750.48
3761720.58 3.02367 (12121716)
493745.92 3761709.48 2.70245 (12121716) 493741.37
3761696.95 2.70830 (12121716)
493738.52 3761681.00 2.68178 (12121716) 493737.38
3761663.91 2.94145 (12121716)
493736.52 3761651.38 2.73830 (16122116) 494418.08
3761416.13 5.84744 (12022716)
494473.73 3761368.11 8.18355 (12022716) 494939.85
3761394.35 2.29836 (16112816)
494686.37 3761403.42 5.83971 (12022716) 494575.98
3761568.60 4.10113 (12022716)
494541.49 3761602.79 3.55304 (12022716) 494822.53
3761435.24 3.72278 (12022716)
494846.18 3761504.63 3.50168 (12022716) 494841.06
3761535.78 3.55578 (12022716)
494837.90 3761553.12 3.57063 (12022716) 494885.61
3761199.09 3.15408 (13010916)
494976.68 3761325.65 2.61727 (16112816) 494985.35
3761366.25 2.46673 (16112816)
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3760632.60 3.29938 (12121716)
495069.03 3760685.30 3.60477 (12121716) 495087.55
3760728.31 3.81178 (12121716)
495079.90 3760834.52 3.89831 (12121716) 495202.38
3760883.65 3.39006 (12121716)
495237.63 3760939.31 2.87455 (12121716) 495298.45
3761048.56 1.87159 (12121716)
490844.43 3759375.83 0.37364 (14021809) 490895.79
3759357.70 0.36664 (14021809)
490596.67 3759246.67 0.39365 (14021809) 489103.59
3759859.22 0.52456 (12021516)
488940.48 3759893.26 0.57241 (12021516) 488472.34
3759865.64 0.69395 (12021516)
488432.53 3759884.27 0.70979 (12021516) 488713.15
3759827.76 0.60444 (12021516)
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3760420.86 0.33433 (16012009)
487553.10 3761208.24 0.49270 (16102416) 487899.76
3760972.40 0.43194 (16102416)
487983.18 3762301.23 1.05482 (16123016) 487913.66
3762403.25 1.06024 (16123016)
487890.59 3762238.09 0.99366 (16123016) 488190.14
3762513.88 1.17511 (16123016)
488424.39 3762586.51 1.27201 (16123016) 488657.54
3762495.87 1.47781 (16123016)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL104 , VOL105 , VOL107 , VOL108 , VOL109 ,
VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
VOL133 , VOL150 , VOL151 ,
VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
VOL157 , VOL158 , VOL159 ,
VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
VOL165 , VOL166 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	3.28264	(12022716)	491132.33	3762903.51	3.07782	(12022716)
492890.84	3762203.51	1.50288	(12022716)	492961.55	3762258.51	1.31607	(12022716)
493033.99	3762272.60	1.16573	(12022716)	493032.31	3762205.18	1.20965	(12022716)
493087.32	3762215.25	1.14910	(12022716)	493079.94	3762296.41	1.09553	(12022716)
493163.79	3762367.18	1.08067	(12022716)	493068.87	3762510.05	0.91910	(12022716)
493101.07	3762454.71	0.97653	(12022716)	493281.84	3762369.19	1.28643	(12022716)
493351.51	3762095.42	3.00269	(12022716)	493439.48	3762105.84	1.86450	(12022716)
493972.90	3763044.23	0.93378	(14123016)	493957.03	3763184.09	0.84817	(14123016)
493583.55	3763480.45	0.73553	(16112816)	493258.47	3763568.15	0.71156	(16112816)
492895.78	3763485.72	0.60043	(16112816)	493781.01	3761659.05	3.06683	(12121716)
493797.63	3761658.35	3.00040	(12121716)	493831.94	3761631.47	2.82617	(12121716)
493900.20	3761664.01	2.58125	(16123016)	493918.59	3761666.13	2.94371	(16123016)
493929.55	3761662.24	3.15021	(16123016)	493945.82	3761667.90	3.55974	(16123016)
493758.37	3761524.30	3.07644	(16122116)	493961.03	3761672.85	3.96802	(16123016)
493975.18	3761679.57	4.41063	(16123016)	493987.55	3761687.70	4.62866	(16123016)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGH	8.18355	12022716	494473.73, 3761368.11, 723.51, 723.51, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1477 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1477 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****

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*** AERMOD Finishes Successfully ***
************************************
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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Cons PM10\15218
Ph3 Cons PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Cons PM10.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   491527.270  3762521.786      682.130
   LOCATION PAREA2       AREAPOLY   492472.412  3761524.096      672.740
   LOCATION PAREA3       AREAPOLY   492915.439  3761851.316      695.930
   LOCATION PAREA4       AREAPOLY   493311.762  3761849.003      711.000
   LOCATION PAREA5       AREAPOLY   494152.739  3761725.242      712.110
   LOCATION PAREA6       AREAPOLY   494528.865  3761302.402      722.160
   LOCATION VOL104       VOLUME     493749.696  3761059.641      695.400
   LOCATION VOL105       VOLUME     493507.450  3761023.328      673.640
   LOCATION VOL107       VOLUME     493890.427  3760919.195      681.330
   LOCATION VOL108       VOLUME     493613.293  3761138.942      682.050
   LOCATION VOL109       VOLUME     493754.025  3761199.426      679.040
   LOCATION VOL111       VOLUME     493779.276  3760960.619      683.690
   LOCATION VOL128       VOLUME     492283.639  3761437.474      678.030
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL150       VOLUME     492416.902  3761421.423      681.890
   LOCATION VOL151       VOLUME     492418.822  3761492.472      683.250
   LOCATION VOL152       VOLUME     493641.420  3761004.972      694.240
   LOCATION VOL153       VOLUME     493890.036  3761134.996      695.440
   LOCATION VOL154       VOLUME     494031.022  3761122.113      705.990
   LOCATION VOL155       VOLUME     492154.198  3761401.356      673.300
   LOCATION VOL156       VOLUME     492288.246  3761527.036      680.030
   LOCATION VOL157       VOLUME     492148.069  3761523.196      686.780
   LOCATION VOL158       VOLUME     493893.533  3760995.881      685.290
   LOCATION VOL159       VOLUME     492019.413  3761381.098      662.590
   LOCATION VOL160       VOLUME     492009.812  3761515.515      681.150
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   LOCATION VOL161       VOLUME     494132.663  3761649.533      709.980
   LOCATION VOL162       VOLUME     494261.206  3761648.353      714.530
   LOCATION VOL163       VOLUME     494491.167  3761223.809      717.430
   LOCATION VOL164       VOLUME     494629.144  3761134.183      709.500
   LOCATION VOL165       VOLUME     494493.526  3761083.473      708.580
   LOCATION VOL166       VOLUME     494353.190  3761182.534      720.430
   LOCATION VOL167       VOLUME     494362.624  3761052.812      710.610
   LOCATION VOL168       VOLUME     494491.167  3761009.178      704.390
   LOCATION VOL169       VOLUME     493392.928  3761788.968      708.460
   LOCATION VOL170       VOLUME     493528.405  3761787.336      707.000
   LOCATION VOL171       VOLUME     491215.229  3762452.664      661.730
   LOCATION VOL172       VOLUME     491230.591  3762314.402      665.540
   LOCATION VOL173       VOLUME     491249.794  3762195.342      671.260
   LOCATION VOL174       VOLUME     491094.249  3762356.648      663.750
   LOCATION VOL175       VOLUME     491115.373  3762216.466      667.790
   LOCATION VOL176       VOLUME     490909.900  3762549.264      633.300
   LOCATION VOL177       VOLUME     490775.478  3762533.317      631.650
   LOCATION VOL178       VOLUME     490637.216  3762519.875      629.070
   LOCATION VOL179       VOLUME     491078.887  3762466.106      660.660
   LOCATION VOL180       VOLUME     490498.954  3762512.193      635.840
   LOCATION VOL181       VOLUME     490364.532  3762573.643      671.030
   LOCATION VOL182       VOLUME     490364.532  3762435.381      676.870
   LOCATION VOL183       VOLUME     490410.620  3762373.931      664.610
   LOCATION VOL184       VOLUME     490326.126  3762302.880      660.860
   LOCATION VOL185       VOLUME     490228.190  3762571.723      657.380
   LOCATION VOL186       VOLUME     490230.111  3762441.142      673.280
   LOCATION VOL187       VOLUME     490195.545  3762302.880      671.310
   LOCATION VOL188       VOLUME     490220.509  3762166.538      664.260
   LOCATION VOL189       VOLUME     490089.928  3762523.715      653.350
   LOCATION VOL190       VOLUME     490088.008  3762385.453      661.110
   LOCATION VOL191       VOLUME     489955.507  3762475.707      643.010
   LOCATION VOL192       VOLUME     490001.594  3762333.605      667.880
   LOCATION VOL193       VOLUME     490151.378  3762034.037      659.930
   LOCATION VOL194       VOLUME     490091.849  3762249.111      666.270
   LOCATION VOL195       VOLUME     489953.586  3762197.263      681.110
   LOCATION VOL196       VOLUME     490086.088  3762112.769      673.540
   LOCATION VOL197       VOLUME     489947.825  3762124.291      673.200
   LOCATION VOL198       VOLUME     489892.136  3762473.787      651.240
   LOCATION VOL199       VOLUME     489853.730  3762070.522      673.760
   LOCATION VOL200       VOLUME     489869.093  3761938.021      668.150
   LOCATION VOL201       VOLUME     489974.710  3761826.643      660.400
   LOCATION VOL202       VOLUME     490116.813  3761751.751      671.890
   LOCATION VOL203       VOLUME     490256.995  3761690.301      674.720
   LOCATION VOL204       VOLUME     490393.337  3761665.337      678.070
   LOCATION VOL205       VOLUME     490527.758  3761682.620      679.320
   LOCATION VOL206       VOLUME     490667.941  3761671.098      675.280
   LOCATION VOL207       VOLUME     490808.123  3761617.330      676.030
   LOCATION VOL208       VOLUME     490946.386  3761582.764      678.760
   LOCATION VOL209       VOLUME     491080.807  3761582.764      667.820
   LOCATION VOL210       VOLUME     491220.990  3761577.003      664.830
   LOCATION VOL211       VOLUME     491357.332  3761571.242      660.970
   LOCATION VOL212       VOLUME     491439.905  3761617.330      666.070
   LOCATION VOL213       VOLUME     491340.049  3762517.954      684.400
   LOCATION VOL214       VOLUME     491466.789  3762508.353      683.340
   LOCATION VOL215       VOLUME     490943.670  3762440.214      631.910
   LOCATION VOL216       VOLUME     494028.049  3760984.581      693.680
   LOCATION VOL217       VOLUME     494030.153  3760923.557      693.640
   LOCATION VOL218       VOLUME     494169.035  3761123.463      703.550
   LOCATION VOL219       VOLUME     494169.035  3760982.477      693.170
   LOCATION VOL220       VOLUME     494263.727  3761119.254      696.820
   LOCATION VOL221       VOLUME     494267.936  3761009.832      695.080
** Source Parameters **
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   AREAVERT PAREA1       491314.572 3762227.850 491277.646 3762211.602
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AREAVERT PAREA1       490446.059 3762351.923 490423.903 3762319.428
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AREAVERT PAREA1       490158.031 3761967.887 490137.352 3761970.841
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AREAVERT PAREA1       491200.838 3761579.419 491305.710 3761582.373
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AREAVERT PAREA1       490469.692 3761668.042 490293.921 3761673.951
AREAVERT PAREA1       490214.160 3761684.290 490162.462 3761702.015
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AREAVERT PAREA1       489939.426 3761823.134 489864.095 3761936.868
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AREAVERT PAREA1       489822.738 3762474.520 489878.866 3762496.676
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AREAVERT PAREA1       490190.527 3762592.685 490217.114 3762597.116
AREAVERT PAREA1       490246.655 3762631.088 490283.582 3762613.364
AREAVERT PAREA1       490310.169 3762592.685 490333.802 3762585.299
AREAVERT PAREA1       490336.756 3762636.997 490379.591 3762636.997
AREAVERT PAREA1       490376.637 3762601.547 490409.132 3762574.960
AREAVERT PAREA1       490407.655 3762561.666 490407.655 3762535.079
AREAVERT PAREA1       490537.637 3762551.327 490654.325 3762520.309
AREAVERT PAREA1       490675.004 3762536.556 490692.728 3762549.850
AREAVERT PAREA1       490694.205 3762555.758 490745.903 3762555.758
AREAVERT PAREA1       490763.627 3762483.382 490787.260 3762477.474
AREAVERT PAREA1       490784.306 3762585.299 490833.049 3762583.822
AREAVERT PAREA1       490862.591 3762611.887 490869.976 3762614.841
AREAVERT PAREA1       490872.930 3762585.299 490893.609 3762579.391
AREAVERT PAREA1       490909.857 3762557.235 490884.747 3762493.721
AREAVERT PAREA1       490939.398 3762496.676 490985.187 3762465.657
AREAVERT PAREA1       491144.710 3762501.107 491262.875 3762521.786
AREAVERT PAREA1       491361.839 3762529.171
SRCPARAM PAREA2       1.4164E-07     0.000        21     1.000
AREAVERT PAREA2       492472.412 3761524.096 492462.807 3761509.155
AREAVERT PAREA2       492464.942 3761480.341 492468.590 3761367.345
AREAVERT PAREA2       492154.736 3761369.301 492158.762 3761334.598
AREAVERT PAREA2       492062.188 3761328.863 492027.396 3761341.607
AREAVERT PAREA2       491974.036 3761354.414 491945.222 3761359.749
AREAVERT PAREA2       491943.088 3761508.088 491966.566 3761533.701
AREAVERT PAREA2       492035.933 3761563.582 492064.747 3761565.716
AREAVERT PAREA2       492118.106 3761575.321 492207.750 3761583.859
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AREAVERT PAREA2       492282.453 3761577.455 492334.745 3761563.582
AREAVERT PAREA2       492357.156 3761541.171 492388.104 3761535.835
AREAVERT PAREA2       492408.381 3761535.835
SRCPARAM PAREA3       1.4164E-07     0.000         6     1.000
AREAVERT PAREA3       492915.439 3761851.316 493129.021 3761852.087
AREAVERT PAREA3       493102.805 3761660.865 492979.436 3761683.997
AREAVERT PAREA3       492960.160 3761686.310 492908.499 3761685.539
SRCPARAM PAREA4       1.4164E-07     0.000        15     1.000
AREAVERT PAREA4       493311.762 3761849.003 493562.355 3761846.690
AREAVERT PAREA4       493559.271 3761832.039 493540.766 3761832.039
AREAVERT PAREA4       493526.887 3761822.787 493520.718 3761811.992
AREAVERT PAREA4       493480.623 3761795.800 493465.973 3761788.089
AREAVERT PAREA4       493381.928 3761758.789 493369.591 3761748.765
AREAVERT PAREA4       493344.146 3761734.886 493324.870 3761708.670
AREAVERT PAREA4       493327.183 3761768.813 493322.557 3761795.800
AREAVERT PAREA4       493321.014 3761824.329
SRCPARAM PAREA5       1.4164E-07     0.000        26     1.000
AREAVERT PAREA5       494152.739 3761725.242 494138.865 3761725.242
AREAVERT PAREA5       494107.916 3761704.965 494126.059 3761678.284
AREAVERT PAREA5       494129.260 3761650.537 494106.849 3761630.260
AREAVERT PAREA5       494065.228 3761605.714 494068.429 3761589.706
AREAVERT PAREA5       494097.244 3761577.966 494130.328 3761599.311
AREAVERT PAREA5       494168.747 3761605.714 494201.831 3761620.655
AREAVERT PAREA5       494233.847 3761608.916 494253.057 3761590.773
AREAVERT PAREA5       494269.065 3761584.370 494293.611 3761601.445
AREAVERT PAREA5       494323.493 3761602.512 494329.896 3761619.588
AREAVERT PAREA5       494316.023 3761639.865 494303.216 3761659.075
AREAVERT PAREA5       494279.737 3761669.747 494231.713 3761685.755
AREAVERT PAREA5       494216.772 3761682.553 494203.965 3761692.158
AREAVERT PAREA5       494184.755 3761702.830 494174.083 3761710.301
SRCPARAM PAREA6       1.4164E-07     0.000        29     1.000
AREAVERT PAREA6       494528.865 3761302.402 494269.532 3761199.950
AREAVERT PAREA6       494157.413 3761162.487 493993.937 3761154.705
AREAVERT PAREA6       493891.447 3761183.670 493746.316 3761276.590
AREAVERT PAREA6       493704.392 3761240.629 493599.417 3761170.062
AREAVERT PAREA6       493520.609 3761079.063 493480.983 3761056.979
AREAVERT PAREA6       493439.809 3761004.503 493480.825 3760970.607
AREAVERT PAREA6       493597.847 3760948.609 493697.060 3760948.812
AREAVERT PAREA6       493730.711 3760926.646 493833.132 3760870.335
AREAVERT PAREA6       493965.359 3760859.089 494125.331 3760900.107
AREAVERT PAREA6       494267.494 3760957.842 494352.641 3761019.552
AREAVERT PAREA6       494417.497 3760953.468 494454.160 3760982.238
AREAVERT PAREA6       494497.916 3760993.978 494530.999 3760996.112
AREAVERT PAREA6       494603.570 3761060.145 494645.191 3761067.615
AREAVERT PAREA6       494694.283 3761134.850 494613.175 3761210.622
AREAVERT PAREA6       494568.352 3761256.512
SRCPARAM VOL104       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL105       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL107       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL108       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL109       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL111       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL128       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL130       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL131       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL132       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL133       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL150       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL151       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL152       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL153       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL154       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL155       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL156       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL157       0.0006223992     5.000    31.816     1.400
SRCPARAM VOL158       0.0006223992     5.000    31.816     1.400
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   SRCPARAM VOL159       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL160       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL161       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL162       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL163       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL164       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL165       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL166       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL167       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL168       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL169       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL170       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL171       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL172       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL173       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL174       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL175       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL176       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL177       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL178       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL179       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL180       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL181       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL182       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL183       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL184       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL185       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL186       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL187       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL188       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL189       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL190       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL191       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL192       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL193       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL194       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL195       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL196       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL197       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL198       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL199       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL200       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL201       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL202       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL203       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL204       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL205       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL206       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL207       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL208       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL209       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL210       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL211       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL212       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL213       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL214       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL215       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL216       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL217       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL218       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL219       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL220       0.0006223992     5.000    31.816     1.400
   SRCPARAM VOL221       0.0006223992     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
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** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA3       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA5       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA6       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL150       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL151       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL152       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL153       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL154       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL155       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL156       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL157       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL158       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL159       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL160       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL161       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL162       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL163       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL164       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL165       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL166       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL167       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL168       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL168       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL169       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL170       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL171       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL172       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL173       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL174       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL175       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL176       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL177       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL178       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL179       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL180       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL181       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL182       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL183       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL184       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL185       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL186       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL187       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL188       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL189       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL190       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL190       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL191       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL192       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL193       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL194       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL195       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL196       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL197       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL198       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL199       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL200       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL201       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL202       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL203       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL204       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL205       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL206       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL207       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL208       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL209       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL210       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL211       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL212       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL212       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL213       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL214       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL215       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Cons PM10.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH3 CONS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph3 Cons PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
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```
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186    1689       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1689       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    89 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:     89 Source(s);       1 Source Group(s); and     114 Receptor(s)

                 with:      0 POINT(s), including
                            0 POINTCAP(s) and      0 POINTHOR(s)
                  and:     83 VOLUME source(s)
                  and:      6 AREA type source(s)
                  and:      0 LINE source(s)
                  and:      0 RLINE/RLINEXT source(s)
                  and:      0 OPENPIT source(s)
                  and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                  and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
```

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Cons PM10.err
**File for Summary of Results: 15218 Ph3 Cons PM10.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL104	0	0.62240E-03	493749.7	3761059.6	695.4	5.00	31.82	1.40
YES	HRDOW	NO						
VOL105	0	0.62240E-03	493507.5	3761023.3	673.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL107	0	0.62240E-03	493890.4	3760919.2	681.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL108	0	0.62240E-03	493613.3	3761138.9	682.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL109	0	0.62240E-03	493754.0	3761199.4	679.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL111	0	0.62240E-03	493779.3	3760960.6	683.7	5.00	31.82	1.40
YES	HRDOW	NO						
VOL128	0	0.62240E-03	492283.6	3761437.5	678.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL130	0	0.62240E-03	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL131	0	0.62240E-03	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES	HRDOW	NO						
VOL132	0	0.62240E-03	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL133	0	0.62240E-03	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES	HRDOW	NO						

```
 VOL150          0   0.62240E-03  492416.9 3761421.4   681.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL151          0   0.62240E-03  492418.8 3761492.5   683.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL152          0   0.62240E-03  493641.4 3761005.0   694.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL153          0   0.62240E-03  493890.0 3761135.0   695.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL154          0   0.62240E-03  494031.0 3761122.1   706.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL155          0   0.62240E-03  492154.2 3761401.4   673.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL156          0   0.62240E-03  492288.2 3761527.0   680.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL157          0   0.62240E-03  492148.1 3761523.2   686.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL158          0   0.62240E-03  493893.5 3760995.9   685.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL159          0   0.62240E-03  492019.4 3761381.1   662.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL160          0   0.62240E-03  492009.8 3761515.5   681.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL161          0   0.62240E-03  494132.7 3761649.5   710.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL162          0   0.62240E-03  494261.2 3761648.4   714.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL163          0   0.62240E-03  494491.2 3761223.8   717.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL164          0   0.62240E-03  494629.1 3761134.2   709.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL165          0   0.62240E-03  494493.5 3761083.5   708.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL166          0   0.62240E-03  494353.2 3761182.5   720.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL167          0   0.62240E-03  494362.6 3761052.8   710.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL168          0   0.62240E-03  494491.2 3761009.2   704.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL169          0   0.62240E-03  493392.9 3761789.0   708.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL170          0   0.62240E-03  493528.4 3761787.3   707.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL171          0   0.62240E-03  491215.2 3762452.7   661.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL172          0   0.62240E-03  491230.6 3762314.4   665.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL173          0   0.62240E-03  491249.8 3762195.3   671.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL174          0   0.62240E-03  491094.2 3762356.6   663.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL175          0   0.62240E-03  491115.4 3762216.5   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL176          0   0.62240E-03  490909.9 3762549.3   633.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL177          0   0.62240E-03  490775.5 3762533.3   631.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL178          0   0.62240E-03  490637.2 3762519.9   629.1     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                      PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL179	0	0.62240E-03	491078.9	3762466.1	660.7	5.00	31.82	1.40
YES HRDOW	NO							
VOL180	0	0.62240E-03	490499.0	3762512.2	635.8	5.00	31.82	1.40
YES HRDOW	NO							
VOL181	0	0.62240E-03	490364.5	3762573.6	671.0	5.00	31.82	1.40
YES HRDOW	NO							
VOL182	0	0.62240E-03	490364.5	3762435.4	676.9	5.00	31.82	1.40
YES HRDOW	NO							
VOL183	0	0.62240E-03	490410.6	3762373.9	664.6	5.00	31.82	1.40
YES HRDOW	NO							
VOL184	0	0.62240E-03	490326.1	3762302.9	660.9	5.00	31.82	1.40
YES HRDOW	NO							
VOL185	0	0.62240E-03	490228.2	3762571.7	657.4	5.00	31.82	1.40
YES HRDOW	NO							
VOL186	0	0.62240E-03	490230.1	3762441.1	673.3	5.00	31.82	1.40
YES HRDOW	NO							
VOL187	0	0.62240E-03	490195.5	3762302.9	671.3	5.00	31.82	1.40
YES HRDOW	NO							
VOL188	0	0.62240E-03	490220.5	3762166.5	664.3	5.00	31.82	1.40
YES HRDOW	NO							
VOL189	0	0.62240E-03	490089.9	3762523.7	653.3	5.00	31.82	1.40
YES HRDOW	NO							
VOL190	0	0.62240E-03	490088.0	3762385.5	661.1	5.00	31.82	1.40
YES HRDOW	NO							
VOL191	0	0.62240E-03	489955.5	3762475.7	643.0	5.00	31.82	1.40
YES HRDOW	NO							
VOL192	0	0.62240E-03	490001.6	3762333.6	667.9	5.00	31.82	1.40
YES HRDOW	NO							
VOL193	0	0.62240E-03	490151.4	3762034.0	659.9	5.00	31.82	1.40
YES HRDOW	NO							
VOL194	0	0.62240E-03	490091.8	3762249.1	666.3	5.00	31.82	1.40
YES HRDOW	NO							
VOL195	0	0.62240E-03	489953.6	3762197.3	681.1	5.00	31.82	1.40
YES HRDOW	NO							
VOL196	0	0.62240E-03	490086.1	3762112.8	673.5	5.00	31.82	1.40
YES HRDOW	NO							
VOL197	0	0.62240E-03	489947.8	3762124.3	673.2	5.00	31.82	1.40
YES HRDOW	NO							
VOL198	0	0.62240E-03	489892.1	3762473.8	651.2	5.00	31.82	1.40
YES HRDOW	NO							
VOL199	0	0.62240E-03	489853.7	3762070.5	673.8	5.00	31.82	1.40
YES HRDOW	NO							
VOL200	0	0.62240E-03	489869.1	3761938.0	668.1	5.00	31.82	1.40
YES HRDOW	NO							
VOL201	0	0.62240E-03	489974.7	3761826.6	660.4	5.00	31.82	1.40
YES HRDOW	NO							
VOL202	0	0.62240E-03	490116.8	3761751.8	671.9	5.00	31.82	1.40
YES HRDOW	NO							
VOL203	0	0.62240E-03	490257.0	3761690.3	674.7	5.00	31.82	1.40
YES HRDOW	NO							
VOL204	0	0.62240E-03	490393.3	3761665.3	678.1	5.00	31.82	1.40
YES HRDOW	NO							
VOL205	0	0.62240E-03	490527.8	3761682.6	679.3	5.00	31.82	1.40
YES HRDOW	NO							

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 VOL206           0   0.62240E-03  490667.9 3761671.1   675.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL207           0   0.62240E-03  490808.1 3761617.3   676.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL208           0   0.62240E-03  490946.4 3761582.8   678.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL209           0   0.62240E-03  491080.8 3761582.8   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL210           0   0.62240E-03  491221.0 3761577.0   664.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL211           0   0.62240E-03  491357.3 3761571.2   661.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL212           0   0.62240E-03  491439.9 3761617.3   666.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL213           0   0.62240E-03  491340.0 3762518.0   684.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL214           0   0.62240E-03  491466.8 3762508.4   683.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL215           0   0.62240E-03  490943.7 3762440.2   631.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL216           0   0.62240E-03  494028.0 3760984.6   693.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL217           0   0.62240E-03  494030.2 3760923.6   693.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL218           0   0.62240E-03  494169.0 3761123.5   703.5     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL219           0   0.62240E-03  494169.0 3760982.5   693.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL220           0   0.62240E-03  494263.7 3761119.3   696.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL221           0   0.62240E-03  494267.9 3761009.8   695.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                              *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.
              URBAN  EMISSION RATE    AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ
```

SOURCE ID	SCALAR CATS.	VARY BY						
(METERS)		/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)		
PAREA1	0	0.14164E-06	491527.3	3762521.8	682.1	0.00	119	1.00
YES HRDOW		NO						
PAREA2	0	0.14164E-06	492472.4	3761524.1	672.7	0.00	21	1.00
YES HRDOW		NO						
PAREA3	0	0.14164E-06	492915.4	3761851.3	695.9	0.00	6	1.00
YES HRDOW		NO						
PAREA4	0	0.14164E-06	493311.8	3761849.0	711.0	0.00	15	1.00
YES HRDOW		NO						
PAREA5	0	0.14164E-06	494152.7	3761725.2	712.1	0.00	26	1.00
YES HRDOW		NO						
PAREA6	0	0.14164E-06	494528.9	3761302.4	722.2	0.00	29	1.00
YES HRDOW		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 , PAREA6 , VOL104 , VOL105 ,
	VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
	VOL133 , VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
	VOL157 , VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
	VOL165 , VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 , VOL172 ,
	VOL173 , VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 , VOL180 ,
	VOL181 , VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 ,
	VOL189 , VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 ,
	VOL197 , VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 , VOL204 ,
	VOL205 , VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 , VOL212 ,
	VOL213 , VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 , PAREA6 , VOL104 , VOL105 ,
		VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
		VOL133 , VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
		VOL157 , VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
		VOL165 , VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 , VOL172 ,
		VOL173 , VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 , VOL180 ,
		VOL181 , VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 ,
		VOL189 , VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 ,
		VOL197 , VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 , VOL204 ,
		VOL205 , VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 , VOL212 ,
		VOL213 , VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
		VOL221 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - -

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA4 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA5 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA6 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL104       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL105       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL107       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL108       ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL109       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:58:23

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL150       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL151 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL153 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL154 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL155 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL157 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL158 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL160 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL161 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL162   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL163   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL164       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL165       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL166       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL167       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                      PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL168       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL169 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL170 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL171 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL172 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL173 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL174 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL175 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SOURCE ID = VOL176 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL178 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL179 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL180       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL181       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL182 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL185 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL186 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL187 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL188 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL189 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL190 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL191 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL192 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL193 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL194   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL196 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL197 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL198 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL199 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL200 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL201 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL203 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL204 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL205       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL206       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL207       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL208       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL209       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL210 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:58:23

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL211 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL214 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL215 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL216       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
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(HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL220 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);

(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WD	WS HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5

```
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       16:58:23

                     PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      , PAREA2      ,
                                PAREA3      , PAREA4      , PAREA5      ,
                  PAREA6      , VOL104      , VOL105      , VOL107      , VOL108      ,
                  VOL109      , VOL111      , VOL128      ,
                  VOL130      , VOL131      , VOL132      , VOL133      , VOL150      ,
                  VOL151      , VOL152      , VOL153      ,
                  VOL154      , VOL155      , VOL156      , VOL157      , VOL158      ,
                  VOL159      , VOL160      ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN
                                     MICROGRAMS/M**3                          **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.05359	(16122324)	493409.97	3761986.39	0.05876	(16122324)
493417.46	3761972.99	0.06253	(16122324)	493468.31	3761958.40	0.06170	(12022724)
493499.84	3761947.37	0.06624	(12022724)	493614.36	3761892.81	0.07355	(16112824)
493613.66	3761905.05	0.06761	(16112824)	493614.36	3761917.12	0.06197	(16112824)
493614.36	3761927.44	0.05791	(16112824)	493613.31	3761940.20	0.05367	(16112824)
493616.46	3761952.10	0.05022	(16112824)	493615.23	3761961.71	0.04787	(16112824)
493614.53	3761973.78	0.04529	(16112824)	493614.01	3761984.98	0.04322	(16112824)
493613.66	3761996.52	0.04137	(16112824)	493614.18	3762007.36	0.03980	(16112824)
493615.76	3762018.56	0.03829	(16112824)	493614.71	3762025.73	0.03737	(16112824)
493614.36	3762035.00	0.03621	(16112824)	493613.13	3762043.74	0.03513	(16112824)
493613.66	3762052.14	0.03412	(16112824)	493613.83	3762061.58	0.03299	(16112824)
493614.18	3762071.55	0.03181	(16112824)	493696.46	3761742.53	0.05859m	(15123124)
493707.35	3761768.92	0.05563	(16011524)	493727.98	3761742.80	0.05201m	(15123124)
493755.61	3761733.69	0.04800m	(15123124)	493750.48	3761720.58	0.04950m	(15123124)
493745.92	3761709.48	0.05048m	(15123124)	493741.37	3761696.95	0.05115m	(15123124)
493738.52	3761681.00	0.05117m	(15123124)	493737.38	3761663.91	0.05059m	(15123124)
493736.52	3761651.38	0.05108	(16122224)	494418.08	3761416.13	0.11276	(12022724)
494473.73	3761368.11	0.16229	(12022724)	494939.85	3761394.35	0.05477	(16112824)
494686.37	3761403.42	0.06773	(13112024)	494575.98	3761568.60	0.04861	(12022724)
494541.49	3761602.79	0.04849	(16122624)	494822.53	3761435.24	0.04633	(16112824)
494846.18	3761504.63	0.03715	(13112024)	494841.06	3761535.78	0.03610	(13112024)
494837.90	3761553.12	0.03547	(13112024)	494885.61	3761199.09	0.08860	(16011524)
494976.68	3761325.65	0.06375	(16112824)	494985.35	3761366.25	0.05842	(16112824)
495070.90	3761299.23	0.05032	(16112824)	495115.47	3760632.60	0.05768	(14013024)
495069.03	3760685.30	0.06127	(14013024)	495087.55	3760728.31	0.06255	(14013024)
495079.90	3760834.52	0.06557	(14013024)	495202.38	3760883.65	0.05537	(14013024)
495237.63	3760939.31	0.04970	(15012024)	495298.45	3761048.56	0.04538	(15012024)
490844.43	3759375.83	0.02196	(13012524)	490895.79	3759357.70	0.02212	(13012524)
490596.67	3759246.67	0.02196	(13012524)	489103.59	3759859.22	0.01615	(12121324)
488940.48	3759893.26	0.01813	(12121324)	488472.34	3759865.64	0.01710	(15122224)
488432.53	3759884.27	0.01736	(15122224)	488713.15	3759827.76	0.01578	(15122224)

487562.29 3760285.62 0.02125 (13012524) 487809.35
3760420.86 0.02194 (13012524)
487553.10 3761208.24 0.01539 (13112924) 487899.76
3760972.40 0.02545 (13012524)
487983.18 3762301.23 0.03133m (13123124) 487913.66
3762403.25 0.03236m (13123124)
487890.59 3762238.09 0.02937m (13123124) 488190.14
3762513.88 0.03572m (13123124)
488424.39 3762586.51 0.03761m (13123124) 488657.54
3762495.87 0.04052m (13123124)
488908.17 3762583.23 0.04247m (13123124) 489170.26
3762660.77 0.04228m (13123124)
489382.17 3762809.64 0.05301 (14120324) 489294.91
3762783.65 0.04837 (14120324)
489889.72 3762661.22 0.15561 (16122324) 490022.93
3762783.29 0.09889 (16122324)
490423.96 3762839.25 0.06431 (12022724) 490375.94
3762870.37 0.06172 (13120324)

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:58:23

PAGE 102
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 ,
PAREA6 , VOL104 , VOL105 , VOL107 , VOL108 , VOL109 , VOL111 , VOL128 ,
VOL130 , VOL131 , VOL132 , VOL133 , VOL150 , VOL151 , VOL152 , VOL153 ,
VOL154 , VOL155 , VOL156 , VOL157 , VOL158 , VOL159 , VOL160 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.03497	(12121824)	491132.33	3762903.51	0.03505	(15121524)
492890.84	3762203.51	0.03648	(13121924)	492961.55	3762258.51	0.03117	(13121924)
493033.99	3762272.60	0.03001	(16122124)	493032.31	3762205.18	0.03276	(16122124)
493087.32	3762215.25	0.03243	(13121924)	493079.94	3762296.41	0.02762m	(13112124)
493163.79	3762367.18	0.02523	(16122324)	493068.87	3762510.05	0.02324	(13111224)
493101.07	3762454.71	0.02361	(13111224)	493281.84	3762369.19	0.02496	(13121924)
493351.51	3762095.42	0.04102	(16122324)	493439.48	3762105.84	0.03040	(16122324)
493972.90	3763044.23	0.01976	(16122224)	493957.03	3763184.09	0.01931	(14012424)
493583.55	3763480.45	0.01793	(14012424)	493258.47	3763568.15	0.01738	(16122224)
492895.78	3763485.72	0.01678	(16122224)	493781.01	3761659.05	0.05163	(16122224)

```
       493797.63   3761658.35        0.05143  (16122224)                493831.94
       3761631.47        0.05292  (16122224)
       493900.20   3761664.01        0.05332  (14123024)                493918.59
       3761666.13        0.05552  (14123024)
       493929.55   3761662.24        0.05735  (14123024)                493945.82
       3761667.90        0.05905  (14123024)
       493758.37   3761524.30        0.06040  (16122124)                493961.03
       3761672.85        0.06122  (14123024)
       493975.18   3761679.57        0.06418  (14123024)                493987.55
       3761687.70        0.07144  (16010624)
       493998.87   3761697.25        0.07886  (16010624)                494007.71
       3761707.51        0.08325  (16010624)
       494016.91   3761718.12        0.08698  (16010624)                494024.69
       3761730.85        0.09326  (16010624)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_10    IN
                                    MICROGRAMS/M**3                        **


                                                  DATE
                                                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.16229  ON 12022724: AT (  494473.73,  3761368.11,
723.51,   723.51,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:58:23

                     PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of           0 Fatal Error Message(s)
 A Total of           2 Warning Message(s)
 A Total of         388 Informational Message(s)

 A Total of       43848 Hours Were Processed

 A Total of         191 Calm Hours Identified

 A Total of         197 Missing Hours Identified (  0.45 Percent)
```

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186    1689       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1689       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Cons PM25\15218
Ph3 Cons PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Cons PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   491527.270  3762521.786      682.130
   LOCATION PAREA2       AREAPOLY   492472.412  3761524.096      672.740
   LOCATION PAREA3       AREAPOLY   492915.439  3761851.316      695.930
   LOCATION PAREA4       AREAPOLY   493311.762  3761849.003      711.000
   LOCATION PAREA5       AREAPOLY   494152.739  3761725.242      712.110
   LOCATION PAREA6       AREAPOLY   494524.129  3761286.617      721.410
   LOCATION VOL104       VOLUME     493749.696  3761059.641      695.400
   LOCATION VOL105       VOLUME     493507.450  3761023.328      673.640
   LOCATION VOL107       VOLUME     493890.427  3760919.195      681.330
   LOCATION VOL108       VOLUME     493613.293  3761138.942      682.050
   LOCATION VOL109       VOLUME     493754.025  3761199.426      679.040
   LOCATION VOL111       VOLUME     493779.276  3760960.619      683.690
   LOCATION VOL128       VOLUME     492283.639  3761437.474      678.030
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL150       VOLUME     492416.902  3761421.423      681.890
   LOCATION VOL151       VOLUME     492418.822  3761492.472      683.250
   LOCATION VOL152       VOLUME     493641.420  3761004.972      694.240
   LOCATION VOL153       VOLUME     493890.036  3761134.996      695.440
   LOCATION VOL154       VOLUME     494031.022  3761122.113      705.990
   LOCATION VOL155       VOLUME     492154.198  3761401.356      673.300
   LOCATION VOL156       VOLUME     492288.246  3761527.036      680.030
   LOCATION VOL157       VOLUME     492148.069  3761523.196      686.780
   LOCATION VOL158       VOLUME     493893.533  3760995.881      685.290
   LOCATION VOL159       VOLUME     492019.413  3761381.098      662.590
   LOCATION VOL160       VOLUME     492009.812  3761515.515      681.150
```

```
   LOCATION VOL161       VOLUME     494132.663  3761649.533      709.980
   LOCATION VOL162       VOLUME     494261.206  3761648.353      714.530
   LOCATION VOL163       VOLUME     494491.167  3761223.809      717.430
   LOCATION VOL164       VOLUME     494629.144  3761134.183      709.500
   LOCATION VOL165       VOLUME     494493.526  3761083.473      708.580
   LOCATION VOL166       VOLUME     494353.190  3761182.534      720.430
   LOCATION VOL167       VOLUME     494362.624  3761052.812      710.610
   LOCATION VOL168       VOLUME     494491.167  3761009.178      704.390
   LOCATION VOL169       VOLUME     493392.928  3761788.968      708.460
   LOCATION VOL170       VOLUME     493528.405  3761787.336      707.000
   LOCATION VOL171       VOLUME     491215.229  3762452.664      661.730
   LOCATION VOL172       VOLUME     491230.591  3762314.402      665.540
   LOCATION VOL173       VOLUME     491249.794  3762195.342      671.260
   LOCATION VOL174       VOLUME     491094.249  3762356.648      663.750
   LOCATION VOL175       VOLUME     491115.373  3762216.466      667.790
   LOCATION VOL176       VOLUME     490909.900  3762549.264      633.300
   LOCATION VOL177       VOLUME     490775.478  3762533.317      631.650
   LOCATION VOL178       VOLUME     490637.216  3762519.875      629.070
   LOCATION VOL179       VOLUME     491078.887  3762466.106      660.660
   LOCATION VOL180       VOLUME     490498.954  3762512.193      635.840
   LOCATION VOL181       VOLUME     490364.532  3762573.643      671.030
   LOCATION VOL182       VOLUME     490364.532  3762435.381      676.870
   LOCATION VOL183       VOLUME     490410.620  3762373.931      664.610
   LOCATION VOL184       VOLUME     490326.126  3762302.880      660.860
   LOCATION VOL185       VOLUME     490228.190  3762571.723      657.380
   LOCATION VOL186       VOLUME     490230.111  3762441.142      673.280
   LOCATION VOL187       VOLUME     490195.545  3762302.880      671.310
   LOCATION VOL188       VOLUME     490220.509  3762166.538      664.260
   LOCATION VOL189       VOLUME     490089.928  3762523.715      653.350
   LOCATION VOL190       VOLUME     490088.008  3762385.453      661.110
   LOCATION VOL191       VOLUME     489955.507  3762475.707      643.010
   LOCATION VOL192       VOLUME     490001.594  3762333.605      667.880
   LOCATION VOL193       VOLUME     490151.378  3762034.037      659.930
   LOCATION VOL194       VOLUME     490091.849  3762249.111      666.270
   LOCATION VOL195       VOLUME     489953.586  3762197.263      681.110
   LOCATION VOL196       VOLUME     490086.088  3762112.769      673.540
   LOCATION VOL197       VOLUME     489947.825  3762124.291      673.200
   LOCATION VOL198       VOLUME     489892.136  3762473.787      651.240
   LOCATION VOL199       VOLUME     489853.730  3762070.522      673.760
   LOCATION VOL200       VOLUME     489869.093  3761938.021      668.150
   LOCATION VOL201       VOLUME     489974.710  3761826.643      660.400
   LOCATION VOL202       VOLUME     490116.813  3761751.751      671.890
   LOCATION VOL203       VOLUME     490256.995  3761690.301      674.720
   LOCATION VOL204       VOLUME     490393.337  3761665.337      678.070
   LOCATION VOL205       VOLUME     490527.758  3761682.620      679.320
   LOCATION VOL206       VOLUME     490667.941  3761671.098      675.280
   LOCATION VOL207       VOLUME     490808.123  3761617.330      676.030
   LOCATION VOL208       VOLUME     490946.386  3761582.764      678.760
   LOCATION VOL209       VOLUME     491080.807  3761582.764      667.820
   LOCATION VOL210       VOLUME     491220.990  3761577.003      664.830
   LOCATION VOL211       VOLUME     491357.332  3761571.242      660.970
   LOCATION VOL212       VOLUME     491439.905  3761617.330      666.070
   LOCATION VOL213       VOLUME     491340.049  3762517.954      684.400
   LOCATION VOL214       VOLUME     491466.789  3762508.353      683.340
   LOCATION VOL215       VOLUME     490943.670  3762440.214      631.910
   LOCATION VOL216       VOLUME     494028.049  3760984.581      693.680
   LOCATION VOL217       VOLUME     494030.153  3760923.557      693.640
   LOCATION VOL218       VOLUME     494169.035  3761123.463      703.550
   LOCATION VOL219       VOLUME     494169.035  3760982.477      693.170
   LOCATION VOL220       VOLUME     494263.727  3761119.254      696.820
   LOCATION VOL221       VOLUME     494267.936  3761009.832      695.080
** Source Parameters **
   SRCPARAM PAREA1       3.9569E-08     0.000       119     1.000
   AREAVERT PAREA1       491527.270 3762521.786 491525.793 3762501.107
   AREAVERT PAREA1       491383.994 3762514.400 491268.783 3762504.061
   AREAVERT PAREA1       491314.572 3762227.850 491277.646 3762211.602
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AREAVERT PAREA1       491277.646 3762192.400 491249.582 3762177.630
AREAVERT PAREA1       491252.536 3762162.859 491245.150 3762152.520
AREAVERT PAREA1       491193.453 3762133.318 491146.187 3762146.611
AREAVERT PAREA1       491095.967 3762198.309 491039.838 3762267.731
AREAVERT PAREA1       490989.618 3762388.850 491231.857 3762474.520
AREAVERT PAREA1       491220.040 3762490.767 490995.527 3762446.455
AREAVERT PAREA1       490929.059 3762446.455 490849.297 3762449.409
AREAVERT PAREA1       490745.903 3762465.657 490561.270 3762523.263
AREAVERT PAREA1       490471.169 3762524.740 490375.160 3762499.630
AREAVERT PAREA1       490490.371 3762504.061 490468.215 3762418.391
AREAVERT PAREA1       490446.059 3762351.923 490423.903 3762319.428
AREAVERT PAREA1       490392.884 3762292.841 490353.004 3762260.345
AREAVERT PAREA1       490268.811 3762207.171 490231.884 3762171.721
AREAVERT PAREA1       490194.958 3762093.437 490234.838 3762038.786
AREAVERT PAREA1       490158.031 3761967.887 490137.352 3761970.841
AREAVERT PAREA1       490101.903 3761984.134 490082.701 3762043.217
AREAVERT PAREA1       489861.141 3762091.960 489862.618 3762010.721
AREAVERT PAREA1       489895.114 3761926.529 489951.242 3761851.198
AREAVERT PAREA1       490048.728 3761777.345 490218.591 3761704.969
AREAVERT PAREA1       490412.086 3761684.290 490578.994 3761679.859
AREAVERT PAREA1       490657.279 3761673.951 490753.288 3761641.455
AREAVERT PAREA1       490871.453 3761604.529 491035.407 3761577.942
AREAVERT PAREA1       491200.838 3761579.419 491305.710 3761582.373
AREAVERT PAREA1       491351.499 3761588.281 491423.875 3761616.345
AREAVERT PAREA1       491502.160 3761650.318 491506.591 3761631.116
AREAVERT PAREA1       491397.288 3761577.942 491316.050 3761563.171
AREAVERT PAREA1       491239.242 3761560.217 490992.572 3761564.648
AREAVERT PAREA1       490933.490 3761567.602 490849.297 3761586.804
AREAVERT PAREA1       490667.618 3761650.318 490618.875 3761659.180
AREAVERT PAREA1       490469.692 3761668.042 490293.921 3761673.951
AREAVERT PAREA1       490214.160 3761684.290 490162.462 3761702.015
AREAVERT PAREA1       490107.811 3761725.648 489995.554 3761786.208
AREAVERT PAREA1       489939.426 3761823.134 489864.095 3761936.868
AREAVERT PAREA1       489836.031 3762046.171 489834.554 3762127.409
AREAVERT PAREA1       489865.572 3762214.556 489954.196 3762334.198
AREAVERT PAREA1       489822.738 3762474.520 489878.866 3762496.676
AREAVERT PAREA1       489923.178 3762518.831 489973.398 3762535.079
AREAVERT PAREA1       490017.710 3762551.327 490054.637 3762563.143
AREAVERT PAREA1       490121.105 3762577.914 490168.371 3762586.776
AREAVERT PAREA1       490156.554 3762607.455 490163.939 3762611.887
AREAVERT PAREA1       490190.527 3762592.685 490217.114 3762597.116
AREAVERT PAREA1       490246.655 3762631.088 490283.582 3762613.364
AREAVERT PAREA1       490310.169 3762592.685 490333.802 3762585.299
AREAVERT PAREA1       490336.756 3762636.997 490379.591 3762636.997
AREAVERT PAREA1       490376.637 3762601.547 490409.132 3762574.960
AREAVERT PAREA1       490407.655 3762561.666 490407.655 3762535.079
AREAVERT PAREA1       490537.637 3762551.327 490654.325 3762520.309
AREAVERT PAREA1       490675.004 3762536.556 490692.728 3762549.850
AREAVERT PAREA1       490694.205 3762555.758 490745.903 3762555.758
AREAVERT PAREA1       490763.627 3762483.382 490787.260 3762477.474
AREAVERT PAREA1       490784.306 3762585.299 490833.049 3762583.822
AREAVERT PAREA1       490862.591 3762611.887 490869.976 3762614.841
AREAVERT PAREA1       490872.930 3762585.299 490893.609 3762579.391
AREAVERT PAREA1       490909.857 3762557.235 490884.747 3762493.721
AREAVERT PAREA1       490939.398 3762496.676 490985.187 3762465.657
AREAVERT PAREA1       491144.710 3762501.107 491262.875 3762521.786
AREAVERT PAREA1       491361.839 3762529.171
SRCPARAM PAREA2       1.7523E-08     0.000        44     1.000
AREAVERT PAREA2       492472.412 3761524.096 492462.807 3761509.155
AREAVERT PAREA2       492464.942 3761480.341 492471.345 3760970.227
AREAVERT PAREA2       492468.143 3760947.816 492482.017 3760939.278
AREAVERT PAREA2       492466.009 3760922.203 492447.867 3760922.203
AREAVERT PAREA2       492440.397 3760931.808 492423.322 3760937.144
AREAVERT PAREA2       492392.373 3760930.741 492383.836 3760936.077
AREAVERT PAREA2       492373.164 3760953.152 492323.006 3760999.041
AREAVERT PAREA2       492281.386 3760999.041 492240.833 3760992.638
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AREAVERT PAREA2       492213.086 3760986.234 492175.735 3761005.444
AREAVERT PAREA2       492175.735 3761019.317 492182.138 3761022.519
AREAVERT PAREA2       492184.272 3761118.565 492161.861 3761129.237
AREAVERT PAREA2       492165.063 3761140.976 492135.181 3761148.447
AREAVERT PAREA2       492112.771 3761218.881 492088.225 3761238.090
AREAVERT PAREA2       492051.941 3761263.703 492048.739 3761286.114
AREAVERT PAREA2       492048.739 3761301.054 492043.403 3761318.129
AREAVERT PAREA2       492027.396 3761341.607 491974.036 3761354.414
AREAVERT PAREA2       491945.222 3761359.749 491943.088 3761508.088
AREAVERT PAREA2       491966.566 3761533.701 492035.933 3761563.582
AREAVERT PAREA2       492064.747 3761565.716 492118.106 3761575.321
AREAVERT PAREA2       492207.750 3761583.859 492282.453 3761577.455
AREAVERT PAREA2       492334.745 3761563.582 492357.156 3761541.171
AREAVERT PAREA2       492388.104 3761535.835 492408.381 3761535.835
SRCPARAM PAREA3       3.9569E-08     0.000         6     1.000
AREAVERT PAREA3       492915.439 3761851.316 493129.021 3761852.087
AREAVERT PAREA3       493102.805 3761660.865 492979.436 3761683.997
AREAVERT PAREA3       492960.160 3761686.310 492908.499 3761685.539
SRCPARAM PAREA4       3.9569E-08     0.000        15     1.000
AREAVERT PAREA4       493311.762 3761849.003 493562.355 3761846.690
AREAVERT PAREA4       493559.271 3761832.039 493540.766 3761832.039
AREAVERT PAREA4       493526.887 3761822.787 493520.718 3761811.992
AREAVERT PAREA4       493480.623 3761795.800 493465.973 3761788.089
AREAVERT PAREA4       493381.928 3761758.789 493369.591 3761748.765
AREAVERT PAREA4       493344.146 3761734.886 493324.870 3761708.670
AREAVERT PAREA4       493327.183 3761768.813 493322.557 3761795.800
AREAVERT PAREA4       493321.014 3761824.329
SRCPARAM PAREA5       3.9569E-08     0.000        26     1.000
AREAVERT PAREA5       494152.739 3761725.242 494138.865 3761725.242
AREAVERT PAREA5       494107.916 3761704.965 494126.059 3761678.284
AREAVERT PAREA5       494129.260 3761650.537 494106.849 3761630.260
AREAVERT PAREA5       494065.228 3761605.714 494068.429 3761589.706
AREAVERT PAREA5       494097.244 3761577.966 494130.328 3761599.311
AREAVERT PAREA5       494168.747 3761605.714 494201.831 3761620.655
AREAVERT PAREA5       494233.847 3761608.916 494253.057 3761590.773
AREAVERT PAREA5       494269.065 3761584.370 494293.611 3761601.445
AREAVERT PAREA5       494323.493 3761602.512 494329.896 3761619.588
AREAVERT PAREA5       494316.023 3761639.865 494303.216 3761659.075
AREAVERT PAREA5       494279.737 3761669.747 494231.713 3761685.755
AREAVERT PAREA5       494216.772 3761682.553 494203.965 3761692.158
AREAVERT PAREA5       494184.755 3761702.830 494174.083 3761710.301
SRCPARAM PAREA6       1.4613E-07     0.000        15     1.000
AREAVERT PAREA6       494524.129 3761286.617 494264.796 3761184.165
AREAVERT PAREA6       494261.595 3761176.694 494273.334 3761146.812
AREAVERT PAREA6       494319.224 3761073.174 494365.115 3761004.873
AREAVERT PAREA6       494423.811 3760940.840 494449.424 3760966.453
AREAVERT PAREA6       494493.180 3760978.192 494526.264 3760980.327
AREAVERT PAREA6       494598.834 3761044.360 494640.456 3761051.830
AREAVERT PAREA6       494689.547 3761119.065 494608.439 3761194.837
AREAVERT PAREA6       494563.616 3761240.727
SRCPARAM VOL104       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL105       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL107       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL108       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL109       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL111       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL128       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL130       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL131       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL132       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL133       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL150       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL151       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL152       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL153       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL154       0.0005730627     5.000    31.816     1.400
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SRCPARAM VOL155       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL156       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL157       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL158       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL159       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL160       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL161       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL162       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL163       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL164       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL165       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL166       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL167       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL168       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL169       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL170       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL171       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL172       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL173       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL174       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL175       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL176       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL177       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL178       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL179       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL180       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL181       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL182       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL183       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL184       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL185       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL186       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL187       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL188       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL189       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL190       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL191       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL192       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL193       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL194       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL195       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL196       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL197       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL198       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL199       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL200       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL201       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL202       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL203       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL204       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL205       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL206       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL207       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL208       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL209       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL210       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL211       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL212       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL213       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL214       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL215       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL216       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL217       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL218       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL219       0.0005730627     5.000    31.816     1.400
SRCPARAM VOL220       0.0005730627     5.000    31.816     1.400
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   SRCPARAM VOL221       0.0005730627     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA3       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA5       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA6       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL150       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL151       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL152       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL153       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL154       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL155       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL156       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL157       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL158       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL159       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL160       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL161       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL162       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL163       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL164       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL165       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL166       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL167       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL168       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL169       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL170       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL171       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL172       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL173       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL174       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL175       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL176       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL177       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL178       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL179       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL180       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL181       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL182       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL183       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL184       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL185       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL186       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL187       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL188       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL189       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL190       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL191       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL192       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL193       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL194       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL195       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL196       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL197       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL198       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL199       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL200       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL201       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL202       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL203       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL204       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL205       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL206       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL207       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL208       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL209       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL210       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL211       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL212       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL213       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL214       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL215       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Cons PM25.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH3 CONS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph3 Cons PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
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 A Total of           0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1693       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1693       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    89 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:     89 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     83 VOLUME source(s)
                 and:      6 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216
```

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Cons PM25.err
**File for Summary of Results: 15218 Ph3 Cons PM25.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
VOL104	0	0.57306E-03	493749.7	3761059.6	695.4	5.00	31.82	1.40	YES HRDOW NO
VOL105	0	0.57306E-03	493507.5	3761023.3	673.6	5.00	31.82	1.40	YES HRDOW NO
VOL107	0	0.57306E-03	493890.4	3760919.2	681.3	5.00	31.82	1.40	YES HRDOW NO
VOL108	0	0.57306E-03	493613.3	3761138.9	682.0	5.00	31.82	1.40	YES HRDOW NO
VOL109	0	0.57306E-03	493754.0	3761199.4	679.0	5.00	31.82	1.40	YES HRDOW NO
VOL111	0	0.57306E-03	493779.3	3760960.6	683.7	5.00	31.82	1.40	YES HRDOW NO
VOL128	0	0.57306E-03	492283.6	3761437.5	678.0	5.00	31.82	1.40	YES HRDOW NO
VOL130	0	0.57306E-03	493065.2	3761816.8	708.6	5.00	31.82	1.40	YES HRDOW NO
VOL131	0	0.57306E-03	493058.6	3761717.7	705.2	5.00	31.82	1.40	YES HRDOW NO

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 VOL132           0   0.57306E-03  492988.1 3761807.9   705.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL133           0   0.57306E-03  492981.5 3761735.3   701.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL150           0   0.57306E-03  492416.9 3761421.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL151           0   0.57306E-03  492418.8 3761492.5   683.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL152           0   0.57306E-03  493641.4 3761005.0   694.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL153           0   0.57306E-03  493890.0 3761135.0   695.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL154           0   0.57306E-03  494031.0 3761122.1   706.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL155           0   0.57306E-03  492154.2 3761401.4   673.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL156           0   0.57306E-03  492288.2 3761527.0   680.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL157           0   0.57306E-03  492148.1 3761523.2   686.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL158           0   0.57306E-03  493893.5 3760995.9   685.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL159           0   0.57306E-03  492019.4 3761381.1   662.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL160           0   0.57306E-03  492009.8 3761515.5   681.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL161           0   0.57306E-03  494132.7 3761649.5   710.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL162           0   0.57306E-03  494261.2 3761648.4   714.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL163           0   0.57306E-03  494491.2 3761223.8   717.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL164           0   0.57306E-03  494629.1 3761134.2   709.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL165           0   0.57306E-03  494493.5 3761083.5   708.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL166           0   0.57306E-03  494353.2 3761182.5   720.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL167           0   0.57306E-03  494362.6 3761052.8   710.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL168           0   0.57306E-03  494491.2 3761009.2   704.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL169           0   0.57306E-03  493392.9 3761789.0   708.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL170           0   0.57306E-03  493528.4 3761787.3   707.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL171           0   0.57306E-03  491215.2 3762452.7   661.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL172           0   0.57306E-03  491230.6 3762314.4   665.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL173           0   0.57306E-03  491249.8 3762195.3   671.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL174           0   0.57306E-03  491094.2 3762356.6   663.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL175           0   0.57306E-03  491115.4 3762216.5   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL176           0   0.57306E-03  490909.9 3762549.3   633.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL177           0   0.57306E-03  490775.5 3762533.3   631.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL178           0   0.57306E-03  490637.2 3762519.9   629.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL179	0	0.57306E-03	491078.9	3762466.1	660.7	5.00	31.82	1.40	YES HRDOW
VOL180	0	0.57306E-03	490499.0	3762512.2	635.8	5.00	31.82	1.40	YES HRDOW
VOL181	0	0.57306E-03	490364.5	3762573.6	671.0	5.00	31.82	1.40	YES HRDOW
VOL182	0	0.57306E-03	490364.5	3762435.4	676.9	5.00	31.82	1.40	YES HRDOW
VOL183	0	0.57306E-03	490410.6	3762373.9	664.6	5.00	31.82	1.40	YES HRDOW
VOL184	0	0.57306E-03	490326.1	3762302.9	660.9	5.00	31.82	1.40	YES HRDOW
VOL185	0	0.57306E-03	490228.2	3762571.7	657.4	5.00	31.82	1.40	YES HRDOW
VOL186	0	0.57306E-03	490230.1	3762441.1	673.3	5.00	31.82	1.40	YES HRDOW
VOL187	0	0.57306E-03	490195.5	3762302.9	671.3	5.00	31.82	1.40	YES HRDOW
VOL188	0	0.57306E-03	490220.5	3762166.5	664.3	5.00	31.82	1.40	YES HRDOW
VOL189	0	0.57306E-03	490089.9	3762523.7	653.3	5.00	31.82	1.40	YES HRDOW
VOL190	0	0.57306E-03	490088.0	3762385.5	661.1	5.00	31.82	1.40	YES HRDOW
VOL191	0	0.57306E-03	489955.5	3762475.7	643.0	5.00	31.82	1.40	YES HRDOW
VOL192	0	0.57306E-03	490001.6	3762333.6	667.9	5.00	31.82	1.40	YES HRDOW
VOL193	0	0.57306E-03	490151.4	3762034.0	659.9	5.00	31.82	1.40	YES HRDOW
VOL194	0	0.57306E-03	490091.8	3762249.1	666.3	5.00	31.82	1.40	YES HRDOW
VOL195	0	0.57306E-03	489953.6	3762197.3	681.1	5.00	31.82	1.40	YES HRDOW
VOL196	0	0.57306E-03	490086.1	3762112.8	673.5	5.00	31.82	1.40	YES HRDOW
VOL197	0	0.57306E-03	489947.8	3762124.3	673.2	5.00	31.82	1.40	YES HRDOW
VOL198	0	0.57306E-03	489892.1	3762473.8	651.2	5.00	31.82	1.40	YES HRDOW
VOL199	0	0.57306E-03	489853.7	3762070.5	673.8	5.00	31.82	1.40	YES HRDOW
VOL200	0	0.57306E-03	489869.1	3761938.0	668.1	5.00	31.82	1.40	YES HRDOW
VOL201	0	0.57306E-03	489974.7	3761826.6	660.4	5.00	31.82	1.40	YES HRDOW
VOL202	0	0.57306E-03	490116.8	3761751.8	671.9	5.00	31.82	1.40	YES HRDOW
VOL203	0	0.57306E-03	490257.0	3761690.3	674.7	5.00	31.82	1.40	YES HRDOW

```
 VOL204           0   0.57306E-03  490393.3 3761665.3   678.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL205           0   0.57306E-03  490527.8 3761682.6   679.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL206           0   0.57306E-03  490667.9 3761671.1   675.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL207           0   0.57306E-03  490808.1 3761617.3   676.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL208           0   0.57306E-03  490946.4 3761582.8   678.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL209           0   0.57306E-03  491080.8 3761582.8   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL210           0   0.57306E-03  491221.0 3761577.0   664.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL211           0   0.57306E-03  491357.3 3761571.2   661.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL212           0   0.57306E-03  491439.9 3761617.3   666.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL213           0   0.57306E-03  491340.0 3762518.0   684.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL214           0   0.57306E-03  491466.8 3762508.4   683.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL215           0   0.57306E-03  490943.7 3762440.2   631.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL216           0   0.57306E-03  494028.0 3760984.6   693.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL217           0   0.57306E-03  494030.2 3760923.6   693.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL218           0   0.57306E-03  494169.0 3761123.5   703.5     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - -

 VOL219           0   0.57306E-03  494169.0 3760982.5   693.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL220           0   0.57306E-03  494263.7 3761119.3   696.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL221           0   0.57306E-03  494267.9 3761009.8   695.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                              *** AREAPOLY SOURCE DATA ***
```

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY CATS.	EMISSION RATE (GRAMS/SEC /METER**2) BY	LOCATION OF AREA AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)
PAREA1	0	0.39569E-07	491527.3	3762521.8	682.1	0.00	119	1.00
YES HRDOW		NO						
PAREA2	0	0.17523E-07	492472.4	3761524.1	672.7	0.00	44	1.00
YES HRDOW		NO						
PAREA3	0	0.39569E-07	492915.4	3761851.3	695.9	0.00	6	1.00
YES HRDOW		NO						
PAREA4	0	0.39569E-07	493311.8	3761849.0	711.0	0.00	15	1.00
YES HRDOW		NO						
PAREA5	0	0.39569E-07	494152.7	3761725.2	712.1	0.00	26	1.00
YES HRDOW		NO						
PAREA6	0	0.14613E-06	494524.1	3761286.6	721.4	0.00	15	1.00
YES HRDOW		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 , PAREA6 , VOL104 , VOL105 ,
	VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
	VOL133 , VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
	VOL157 , VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
	VOL165 , VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 , VOL172 ,
	VOL173 , VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 , VOL180 ,
	VOL181 , VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 ,
	VOL189 , VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 ,
	VOL197 , VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 , VOL204 ,
	VOL205 , VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 , VOL212 ,

VOL213 , VOL214 , VOL215 , VOL216 , VOL217 , VOL218 ,
VOL219 , VOL220 ,

VOL221 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

2189641. PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 ,
PAREA6 , VOL104 ,
VOL105 ,

VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 ,
VOL131 , VOL132 ,

VOL133 , VOL150 , VOL151 , VOL152 , VOL153 , VOL154 ,
VOL155 , VOL156 ,

VOL157 , VOL158 , VOL159 , VOL160 , VOL161 , VOL162 ,
VOL163 , VOL164 ,

VOL165 , VOL166 , VOL167 , VOL168 , VOL169 , VOL170 ,
VOL171 , VOL172 ,

VOL173 , VOL174 , VOL175 , VOL176 , VOL177 , VOL178 ,
VOL179 , VOL180 ,

VOL181 , VOL182 , VOL183 , VOL184 , VOL185 , VOL186 ,
VOL187 , VOL188 ,

VOL189 , VOL190 , VOL191 , VOL192 , VOL193 , VOL194 ,
VOL195 , VOL196 ,

VOL197 , VOL198 , VOL199 , VOL200 , VOL201 , VOL202 ,
VOL203 , VOL204 ,

VOL205 , VOL206 , VOL207 , VOL208 , VOL209 , VOL210 ,
VOL211 , VOL212 ,

VOL213 , VOL214 , VOL215 , VOL216 , VOL217 , VOL218 ,
VOL219 , VOL220 ,

VOL221 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = PAREA2       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA4 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA5 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA6 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL151 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:15:36

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL152 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL153 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL154 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL158 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL159 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL160   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:15:36

PAGE 37
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL162 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL166 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL167 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL169 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL170 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL171 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                     PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL173       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                     PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL174       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                      PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL175       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL176 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:15:36

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL177 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL178 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL179 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:15:36

PAGE 55
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL180 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL182       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL183 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL185 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL186 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL187 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL189 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL190 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL192 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL193 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL194   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL195   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

```
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL196       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                     PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL197       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL198       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL199       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                      PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL200       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL201 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL202 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL203 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL204 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL205 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL207 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL208 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL209 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL210 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL211 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00												

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL212       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL213       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
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  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                     PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL214       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                     PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL215       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:15:36

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL218 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL220 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                      PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL221       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:15:36

                      PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     ( 493343.8, 3762037.3,     711.3,     711.3,       2.0);         ( 493410.0, 3761986.4,
     713.0,     713.0,       2.0);
     ( 493417.5, 3761973.0,     713.0,     713.0,       2.0);         ( 493468.3, 3761958.4,
     714.0,     714.0,       2.0);
     ( 493499.8, 3761947.4,     713.9,     713.9,       2.0);         ( 493614.4, 3761892.8,
     711.3,     711.3,       2.0);
```

(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);

(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5

```
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                      PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      , PAREA2      ,
                                 PAREA3      , PAREA4      , PAREA5      ,
                   PAREA6      , VOL104      , VOL105      , VOL107      , VOL108      ,
                   VOL109      , VOL111      , VOL128      ,
                   VOL130      , VOL131      , VOL132      , VOL133      , VOL150      ,
                   VOL151      , VOL152      , VOL153      ,
                   VOL154      , VOL155      , VOL156      , VOL157      , VOL158      ,
                   VOL159      , VOL160      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.01888	(16122324)	493409.97	3761986.39	0.02255	(13121924)
493417.46	3761972.99	0.02469	(13121924)	493468.31	3761958.40	0.02531	(13121924)
493499.84	3761947.37	0.02619	(12022724)	493614.36	3761892.81	0.02806	(16112824)
493613.66	3761905.05	0.02583	(16112824)	493614.36	3761917.12	0.02375	(16112824)
493614.36	3761927.44	0.02229	(16112824)	493613.31	3761940.20	0.02072	(16112824)
493616.46	3761952.10	0.01947	(16112824)	493615.23	3761961.71	0.01859	(16112824)
493614.53	3761973.78	0.01762	(16112824)	493614.01	3761984.98	0.01684	(16112824)
493613.66	3761996.52	0.01644	(13121924)	493614.18	3762007.36	0.01634	(13121924)
493615.76	3762018.56	0.01623	(13121924)	493614.71	3762025.73	0.01618	(13121924)
493614.36	3762035.00	0.01611	(13121924)	493613.13	3762043.74	0.01604	(13121924)
493613.66	3762052.14	0.01596	(13121924)	493613.83	3762061.58	0.01588	(13121924)
493614.18	3762071.55	0.01578	(13121924)	493696.46	3761742.53	0.02836m	(15123124)
493707.35	3761768.92	0.02855	(16011524)	493727.98	3761742.80	0.02555m	(15123124)
493755.61	3761733.69	0.02386m	(15123124)	493750.48	3761720.58	0.02440m	(15123124)
493745.92	3761709.48	0.02470m	(15123124)	493741.37	3761696.95	0.02483m	(15123124)
493738.52	3761681.00	0.02463m	(15123124)	493737.38	3761663.91	0.02508	(16010624)
493736.52	3761651.38	0.02551	(16010624)	494418.08	3761416.13	0.08167	(13100924)
494473.73	3761368.11	0.11913	(13021924)	494939.85	3761394.35	0.02775	(16112824)
494686.37	3761403.42	0.05538	(12022724)	494575.98	3761568.60	0.03442	(16122624)
494541.49	3761602.79	0.03365	(16122624)	494822.53	3761435.24	0.03113	(12022724)
494846.18	3761504.63	0.02844	(12022724)	494841.06	3761535.78	0.02834	(12022724)
494837.90	3761553.12	0.02800	(12022724)	494885.61	3761199.09	0.05807	(16011524)
494976.68	3761325.65	0.03725	(16112824)	494985.35	3761366.25	0.03181	(16112824)
495070.90	3761299.23	0.03020	(16112824)	495115.47	3760632.60	0.02378	(16121324)
495069.03	3760685.30	0.02669	(16122224)	495087.55	3760728.31	0.02993	(16122224)
495079.90	3760834.52	0.03404	(16122224)	495202.38	3760883.65	0.03242c	(12121724)
495237.63	3760939.31	0.02915c	(12121724)	495298.45	3761048.56	0.02057	(12042324)
490844.43	3759375.83	0.00741	(13012524)	490895.79	3759357.70	0.00748	(13012524)
490596.67	3759246.67	0.00747	(13012524)	489103.59	3759859.22	0.00605	(15122224)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 ,
PAREA6 , VOL104 , VOL105 , VOL107 , VOL108 ,
VOL109 , VOL111 , VOL128 ,
VOL130 , VOL131 , VOL132 , VOL133 , VOL150 ,
VOL151 , VOL152 , VOL153 ,
VOL154 , VOL155 , VOL156 , VOL157 , VOL158 ,
VOL159 , VOL160 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.01480	(12121824)	491132.33	3762903.51	0.01570	(12022724)
492890.84	3762203.51	0.01521	(16122324)	492961.55	3762258.51	0.01336	(13111224)
493033.99	3762272.60	0.01287	(13111224)	493032.31	3762205.18	0.01375	(13111224)
493087.32	3762215.25	0.01337	(13111224)	493079.94	3762296.41	0.01242	(13111224)
493163.79	3762367.18	0.01138	(13111224)	493068.87	3762510.05	0.01062	(13111224)
493101.07	3762454.71	0.01089	(13111224)	493281.84	3762369.19	0.01145	(13121924)
493351.51	3762095.42	0.01628	(12022724)	493439.48	3762105.84	0.01367	(13121924)
493972.90	3763044.23	0.00727m	(13122024)	493957.03	3763184.09	0.00695m	(13122024)

```
       493583.55   3763480.45        0.00700  (16122224)                493258.47
       3763568.15        0.00700  (16122224)
       492895.78   3763485.72        0.00692  (14012424)                493781.01
       3761659.05        0.02546  (16010624)
       493797.63   3761658.35        0.02566  (16010624)                493831.94
       3761631.47        0.02737  (16010624)
       493900.20   3761664.01        0.02696  (16010624)                493918.59
       3761666.13        0.02800  (16010624)
       493929.55   3761662.24        0.02915  (16010624)                493945.82
       3761667.90        0.03014  (16010624)
       493758.37   3761524.30        0.02827  (14120324)                493961.03
       3761672.85        0.03192  (16010624)
       493975.18   3761679.57        0.03484  (16010624)                493987.55
       3761687.70        0.03738  (16010624)
       493998.87   3761697.25        0.04106  (16010524)                494007.71
       3761707.51        0.04365  (16010524)
       494016.91   3761718.12        0.04566  (16010524)                494024.69
       3761730.85        0.04868  (16010524)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_2.5   IN
                                    MICROGRAMS/M**3                          **


                                                    DATE
                                                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.11913  ON 13021924: AT (  494473.73,  3761368.11,
723.51,   723.51,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:15:36

                     PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of           0 Fatal Error Message(s)
 A Total of           2 Warning Message(s)
 A Total of         388 Informational Message(s)

 A Total of       43848 Hours Were Processed
```

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1693 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1693 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/17/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Cons CO\15218
Ph4 Cons CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Cons CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL216       VOLUME     493474.822  3761589.033      706.010
   LOCATION VOL217       VOLUME     493510.022  3761453.414      684.760
   LOCATION VOL218       VOLUME     493509.704  3761320.588      683.000
   LOCATION VOL219       VOLUME     493476.687  3761226.751      682.640
   LOCATION VOL220       VOLUME     493549.672  3761589.934      700.810
   LOCATION VOL221       VOLUME     493582.688  3761454.392      685.090
   LOCATION VOL222       VOLUME     493605.278  3761341.441      681.760
   LOCATION VOL223       VOLUME     492863.273  3762017.413      699.030
   LOCATION VOL224       VOLUME     492786.814  3762053.905      698.350
   LOCATION VOL225       VOLUME     492865.011  3761878.395      693.610
   LOCATION VOL226       VOLUME     492844.158  3761748.066      688.210
   LOCATION VOL227       VOLUME     492715.567  3761746.329      695.000
   LOCATION VOL228       VOLUME     492788.551  3761881.871      695.460
   LOCATION VOL229       VOLUME     492727.731  3762012.200      697.120
   LOCATION VOL230       VOLUME     492677.337  3762020.888      694.770
   LOCATION VOL231       VOLUME     490908.341  3761767.181      669.840
   LOCATION VOL232       VOLUME     490882.275  3761638.590      673.120
   LOCATION VOL233       VOLUME     490772.799  3761772.395      662.670
   LOCATION VOL234       VOLUME     490743.258  3761661.181      674.600
   LOCATION VOL235       VOLUME     490755.422  3761873.182      658.580
   LOCATION VOL236       VOLUME     490670.274  3761909.674      658.590
   LOCATION VOL237       VOLUME     490635.519  3761775.870      671.160
   LOCATION VOL238       VOLUME     490609.454  3761716.788      675.970
   LOCATION VOL239       VOLUME     490473.912  3761728.952      675.610
   LOCATION VOL240       VOLUME     490334.894  3761732.427      676.460
   LOCATION VOL241       VOLUME     490296.665  3761741.116      675.880
   LOCATION VOL242       VOLUME     490529.519  3761852.330      668.250
   LOCATION VOL243       VOLUME     490392.239  3761866.231      674.000
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   LOCATION VOL244       VOLUME     490538.207  3761902.723      670.080
   LOCATION VOL245       VOLUME     490319.255  3761847.116      674.640
   LOCATION VOL246       VOLUME     490214.992  3761643.803      671.070
   LOCATION VOL247       VOLUME     490069.024  3761690.722      667.180
   LOCATION VOL248       VOLUME     489931.744  3761685.509      660.170
   LOCATION VOL249       VOLUME     490079.450  3761556.918      671.240
   LOCATION VOL250       VOLUME     489942.170  3761551.704      667.860
   LOCATION VOL251       VOLUME     489806.628  3761483.933      667.210
   LOCATION VOL252       VOLUME     489735.382  3761489.147      667.180
   LOCATION VOL253       VOLUME     489980.400  3761824.526      660.890
   LOCATION VOL254       VOLUME     490060.335  3761918.363      666.740
   LOCATION VOL255       VOLUME     490023.843  3761970.494      670.170
   LOCATION VOL256       VOLUME     489914.367  3762024.364      669.860
   LOCATION VOL257       VOLUME     489890.039  3761909.674      663.100
   LOCATION VOL258       VOLUME     489841.383  3761793.247      664.580
   LOCATION VOL259       VOLUME     489705.841  3761786.296      670.830
   LOCATION VOL260       VOLUME     489665.873  3761852.330      667.930
   LOCATION VOL261       VOLUME     489777.087  3761920.100      673.280
   LOCATION VOL262       VOLUME     489658.922  3761987.871      673.090
   LOCATION VOL263       VOLUME     489660.660  3762121.676      670.050
   LOCATION VOL264       VOLUME     489787.513  3762052.167      677.790
   LOCATION VOL265       VOLUME     489789.251  3762187.709      673.550
   LOCATION VOL266       VOLUME     489660.660  3762255.480      670.900
   LOCATION VOL267       VOLUME     489674.562  3762389.284      661.900
   LOCATION VOL268       VOLUME     489702.365  3762444.891      667.840
   LOCATION VOL269       VOLUME     489796.202  3762324.989      669.910
   LOCATION VOL270       VOLUME     489886.563  3762319.775      672.070
   LOCATION VOL271       VOLUME     489836.169  3762417.088      661.320
   LOCATION VOL272       VOLUME     491466.148  3762446.629      677.130
   LOCATION VOL273       VOLUME     491349.721  3762450.104      685.480
   LOCATION VOL274       VOLUME     491360.148  3762309.349      687.200
** Source Parameters **
   SRCPARAM VOL216       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL217       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL218       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL219       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL220       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL221       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL222       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL223       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL224       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL225       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL226       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL227       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL228       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL229       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL230       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL231       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL232       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL233       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL234       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL235       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL236       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL237       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL238       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL239       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL240       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL241       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL242       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL243       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL244       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL245       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL246       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL247       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL248       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL249       0.0285630788     5.000    31.816     1.400
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   SRCPARAM VOL250       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL251       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL252       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL253       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL254       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL255       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL256       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL257       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL258       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL259       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL260       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL261       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL262       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL263       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL264       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL265       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL266       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL267       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL268       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL269       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL270       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL271       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL272       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL273       0.0285630788     5.000    31.816     1.400
   SRCPARAM VOL274       0.0285630788     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL222       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL223       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL224       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL225       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL226       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL227       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL228       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL229       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL230       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL231       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL232       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL233       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL234       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL235       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL237       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL238       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL239       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL240       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL241       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL242       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL243       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL244       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL245       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL246       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL247       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL248       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL249       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL250       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL251       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL252       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL253       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL254       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL255       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL256       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL257       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL258       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL259       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL260       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL261       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL262       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL263       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL264       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL265       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL266       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL267       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL268       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL269       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL270       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL271       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL272       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL273       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL274       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Cons CO.rou"
```

```
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH4 CONS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH4 CONS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph4 Cons CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1069       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1069       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
```

```
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for    59 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: CO

**Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

**This Run Includes:     59 Source(s);       1 Source Group(s); and     114 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:     59 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing
                                                                Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                     ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File:   15218 Ph4 Cons
CO.err
**File for Summary of Results:   15218 Ph4 Cons
CO.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
VOL216	0	0.28563E-01	493474.8	3761589.0	706.0	5.00	31.82	1.40	YES HRDOW NO
VOL217	0	0.28563E-01	493510.0	3761453.4	684.8	5.00	31.82	1.40	YES HRDOW NO
VOL218	0	0.28563E-01	493509.7	3761320.6	683.0	5.00	31.82	1.40	YES HRDOW NO
VOL219	0	0.28563E-01	493476.7	3761226.8	682.6	5.00	31.82	1.40	YES HRDOW NO
VOL220	0	0.28563E-01	493549.7	3761589.9	700.8	5.00	31.82	1.40	YES HRDOW NO
VOL221	0	0.28563E-01	493582.7	3761454.4	685.1	5.00	31.82	1.40	YES HRDOW NO
VOL222	0	0.28563E-01	493605.3	3761341.4	681.8	5.00	31.82	1.40	YES HRDOW NO
VOL223	0	0.28563E-01	492863.3	3762017.4	699.0	5.00	31.82	1.40	YES HRDOW NO
VOL224	0	0.28563E-01	492786.8	3762053.9	698.3	5.00	31.82	1.40	YES HRDOW NO
VOL225	0	0.28563E-01	492865.0	3761878.4	693.6	5.00	31.82	1.40	YES HRDOW NO
VOL226	0	0.28563E-01	492844.2	3761748.1	688.2	5.00	31.82	1.40	YES HRDOW NO
VOL227	0	0.28563E-01	492715.6	3761746.3	695.0	5.00	31.82	1.40	YES HRDOW NO
VOL228	0	0.28563E-01	492788.6	3761881.9	695.5	5.00	31.82	1.40	YES HRDOW NO
VOL229	0	0.28563E-01	492727.7	3762012.2	697.1	5.00	31.82	1.40	YES HRDOW NO
VOL230	0	0.28563E-01	492677.3	3762020.9	694.8	5.00	31.82	1.40	YES HRDOW NO
VOL231	0	0.28563E-01	490908.3	3761767.2	669.8	5.00	31.82	1.40	YES HRDOW NO
VOL232	0	0.28563E-01	490882.3	3761638.6	673.1	5.00	31.82	1.40	YES HRDOW NO
VOL233	0	0.28563E-01	490772.8	3761772.4	662.7	5.00	31.82	1.40	YES HRDOW NO
VOL234	0	0.28563E-01	490743.3	3761661.2	674.6	5.00	31.82	1.40	YES HRDOW NO
VOL235	0	0.28563E-01	490755.4	3761873.2	658.6	5.00	31.82	1.40	YES HRDOW NO
VOL236	0	0.28563E-01	490670.3	3761909.7	658.6	5.00	31.82	1.40	YES HRDOW NO
VOL237	0	0.28563E-01	490635.5	3761775.9	671.2	5.00	31.82	1.40	YES HRDOW NO
VOL238	0	0.28563E-01	490609.5	3761716.8	676.0	5.00	31.82	1.40	YES HRDOW NO

VOL239 0 0.28563E-01 490473.9 3761729.0 675.6 5.00 31.82 1.40
YES HRDOW NO
VOL240 0 0.28563E-01 490334.9 3761732.4 676.5 5.00 31.82 1.40
YES HRDOW NO
VOL241 0 0.28563E-01 490296.7 3761741.1 675.9 5.00 31.82 1.40
YES HRDOW NO
VOL242 0 0.28563E-01 490529.5 3761852.3 668.2 5.00 31.82 1.40
YES HRDOW NO
VOL243 0 0.28563E-01 490392.2 3761866.2 674.0 5.00 31.82 1.40
YES HRDOW NO
VOL244 0 0.28563E-01 490538.2 3761902.7 670.1 5.00 31.82 1.40
YES HRDOW NO
VOL245 0 0.28563E-01 490319.3 3761847.1 674.6 5.00 31.82 1.40
YES HRDOW NO
VOL246 0 0.28563E-01 490215.0 3761643.8 671.1 5.00 31.82 1.40
YES HRDOW NO
VOL247 0 0.28563E-01 490069.0 3761690.7 667.2 5.00 31.82 1.40
YES HRDOW NO
VOL248 0 0.28563E-01 489931.7 3761685.5 660.2 5.00 31.82 1.40
YES HRDOW NO
VOL249 0 0.28563E-01 490079.5 3761556.9 671.2 5.00 31.82 1.40
YES HRDOW NO
VOL250 0 0.28563E-01 489942.2 3761551.7 667.9 5.00 31.82 1.40
YES HRDOW NO
VOL251 0 0.28563E-01 489806.6 3761483.9 667.2 5.00 31.82 1.40
YES HRDOW NO
VOL252 0 0.28563E-01 489735.4 3761489.1 667.2 5.00 31.82 1.40
YES HRDOW NO
VOL253 0 0.28563E-01 489980.4 3761824.5 660.9 5.00 31.82 1.40
YES HRDOW NO
VOL254 0 0.28563E-01 490060.3 3761918.4 666.7 5.00 31.82 1.40
YES HRDOW NO
VOL255 0 0.28563E-01 490023.8 3761970.5 670.2 5.00 31.82 1.40
YES HRDOW NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL256	0	0.28563E-01		489914.4	3762024.4	669.9	5.00	31.82	1.40	
YES	HRDOW	NO								
VOL257	0	0.28563E-01		489890.0	3761909.7	663.1	5.00	31.82	1.40	
YES	HRDOW	NO								
VOL258	0	0.28563E-01		489841.4	3761793.2	664.6	5.00	31.82	1.40	
YES	HRDOW	NO								
VOL259	0	0.28563E-01		489705.8	3761786.3	670.8	5.00	31.82	1.40	
YES	HRDOW	NO								
VOL260	0	0.28563E-01		489665.9	3761852.3	667.9	5.00	31.82	1.40	
YES	HRDOW	NO								
VOL261	0	0.28563E-01		489777.1	3761920.1	673.3	5.00	31.82	1.40	
YES	HRDOW	NO								

```
 VOL262          0   0.28563E-01  489658.9 3761987.9   673.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL263          0   0.28563E-01  489660.7 3762121.7   670.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL264          0   0.28563E-01  489787.5 3762052.2   677.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL265          0   0.28563E-01  489789.3 3762187.7   673.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL266          0   0.28563E-01  489660.7 3762255.5   670.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL267          0   0.28563E-01  489674.6 3762389.3   661.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL268          0   0.28563E-01  489702.4 3762444.9   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL269          0   0.28563E-01  489796.2 3762325.0   669.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL270          0   0.28563E-01  489886.6 3762319.8   672.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL271          0   0.28563E-01  489836.2 3762417.1   661.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL272          0   0.28563E-01  491466.1 3762446.6   677.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL273          0   0.28563E-01  491349.7 3762450.1   685.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL274          0   0.28563E-01  491360.1 3762309.3   687.2     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL216      , VOL217      , VOL218      , VOL219      , VOL220      , VOL221      ,
  VOL222      , VOL223      ,

             VOL224      , VOL225      , VOL226      , VOL227      , VOL228      , VOL229      ,
             VOL230      , VOL231      ,

             VOL232      , VOL233      , VOL234      , VOL235      , VOL236      , VOL237      ,
             VOL238      , VOL239      ,

             VOL240      , VOL241      , VOL242      , VOL243      , VOL244      , VOL245      ,
             VOL246      , VOL247      ,

             VOL248      , VOL249      , VOL250      , VOL251      , VOL252      , VOL253      ,
             VOL254      , VOL255      ,

             VOL256      , VOL257      , VOL258      , VOL259      , VOL260      , VOL261      ,
             VOL262      , VOL263      ,

             VOL264      , VOL265      , VOL266      , VOL267      , VOL268      , VOL269      ,
             VOL270      , VOL271      ,

             VOL272      , VOL273      , VOL274      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
		VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
		VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
		VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
		VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
		VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 , VOL262 , VOL263 ,
		VOL264 , VOL265 , VOL266 , VOL267 , VOL268 , VOL269 , VOL270 , VOL271 ,
		VOL272 , VOL273 , VOL274 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 11:50:04

PAGE 9

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 11:50:04

PAGE 10

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL220 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL222 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL226 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL227 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL228       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                     PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL229       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       11:50:04

                      PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL230       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       11:50:04
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 11:50:04

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                      PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL233       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                      PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL234       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL235 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL237       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL238 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL241 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL242 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL243 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL244 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL245 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL248 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL249 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL250 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL251       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL252       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                     PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL253       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                     PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
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```
 SOURCE ID = VOL254       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                      PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL255       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL256 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL257 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL258 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL259 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL260 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL261 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL262 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL263 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL266 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL267 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL268 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL269 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL270 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

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 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL272 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL274 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);

(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);

(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5

```
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                      PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                                 VOL218      , VOL219      , VOL220      ,
                   VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                   VOL226      , VOL227      , VOL228      ,
                   VOL229      , VOL230      , VOL231      , VOL232      , VOL233      ,
                   VOL234      , VOL235      , VOL236      ,
                   VOL237      , VOL238      , VOL239      , VOL240      , VOL241      ,
                   VOL242      , VOL243      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO       IN
                                       MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
```

493343.85 3762037.28 2.76175 (13010916) 493409.97
3761986.39 3.00373 (16122116)
493417.46 3761972.99 3.17634 (16122116) 493468.31
3761958.40 4.08697 (16122116)
493499.84 3761947.37 4.61214 (14123016) 493614.36
3761892.81 4.99008 (14123016)
493613.66 3761905.05 4.90786 (14123016) 493614.36
3761917.12 4.80330 (14123016)
493614.36 3761927.44 4.72520 (14123016) 493613.31
3761940.20 4.64326 (14123016)
493616.46 3761952.10 4.49459 (14123016) 493615.23
3761961.71 4.44332 (14123016)
493614.53 3761973.78 4.36338 (14123016) 493614.01
3761984.98 4.28888 (14123016)
493613.66 3761996.52 4.20270 (14123016) 493614.18
3762007.36 4.11118 (14123016)
493615.76 3762018.56 4.00724 (14123016) 493614.71
3762025.73 3.97229 (14123016)
493614.36 3762035.00 3.91472 (14123016) 493613.13
3762043.74 3.87127 (14123016)
493613.66 3762052.14 3.81236 (14123016) 493613.83
3762061.58 3.75281 (14123016)
493614.18 3762071.55 3.69000 (14123016) 493696.46
3761742.53 12.22602 (12022716)
493707.35 3761768.92 10.73047 (12022716) 493727.98
3761742.80 11.04374 (12022716)
493755.61 3761733.69 10.02955 (12022716) 493750.48
3761720.58 10.36450 (12022716)
493745.92 3761709.48 10.65609 (12022716) 493741.37
3761696.95 10.95159 (12022716)
493738.52 3761681.00 11.14472 (12022716) 493737.38
3761663.91 11.18993 (12022716)
493736.52 3761651.38 11.32540 (12022716) 494418.08
3761416.13 2.37805 (12121716)
494473.73 3761368.11 2.49152 (12121716) 494939.85
3761394.35 1.24880 (12121716)
494686.37 3761403.42 1.72656 (12121716) 494575.98
3761568.60 1.21396 (16121514)
494541.49 3761602.79 1.19136 (15121016) 494822.53
3761435.24 1.29787 (12121716)
494846.18 3761504.63 1.17657 (16121514) 494841.06
3761535.78 1.14612 (16121514)
494837.90 3761553.12 1.12838 (16121514) 494885.61
3761199.09 2.09808 (12121716)
494976.68 3761325.65 1.47666 (12121716) 494985.35
3761366.25 1.29445 (12121716)
495070.90 3761299.23 1.35931 (12121716) 495115.47
3760632.60 1.95403 (12121716)
495069.03 3760685.30 2.04988 (12121716) 495087.55
3760728.31 2.14459 (12121716)
495079.90 3760834.52 2.32357 (12121716) 495202.38
3760883.65 2.29196 (12121716)
495237.63 3760939.31 2.21186 (12121716) 495298.45
3761048.56 1.88023 (12121716)
490844.43 3759375.83 0.55153 (14021809) 490895.79
3759357.70 0.54794 (15091509)
490596.67 3759246.67 0.69590 (14021809) 489103.59
3759859.22 1.70926 (13112916)
488940.48 3759893.26 1.49254 (12021516) 488472.34
3759865.64 1.66172 (12021516)
488432.53 3759884.27 1.66089 (12021516) 488713.15
3759827.76 1.57692 (12021516)
487562.29 3760285.62 0.67293 (15122215) 487809.35
3760420.86 0.72425 (12121315)
487553.10 3761208.24 0.95228 (14120216) 487899.76
3760972.40 0.93147 (16012009)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	3.57220	(12022716)	491132.33	3762903.51	3.30526	(12022716)
492890.84	3762203.51	15.56160	(12022716)	492961.55	3762258.51	11.57598	(12022716)
493033.99	3762272.60	10.57778	(12022716)	493032.31	3762205.18	12.18604	(12022716)
493087.32	3762215.25	9.38077	(12022716)	493079.94	3762296.41	9.07156	(12022716)
493163.79	3762367.18	6.24304	(12022716)	493068.87	3762510.05	3.85214	(12022716)
493101.07	3762454.71	5.47273	(12022716)	493281.84	3762369.19	4.36426	(12022716)
493351.51	3762095.42	2.70442	(13010916)	493439.48	3762105.84	2.87380	(16122116)
493972.90	3763044.23	1.19982	(16112816)	493957.03	3763184.09	1.25496	(16112816)
493583.55	3763480.45	1.01505	(16112816)	493258.47	3763568.15	0.81941	(14120214)
492895.78	3763485.72	0.80658	(14120214)	493781.01	3761659.05	8.82033	(12022716)
493797.63	3761658.35	8.15490	(12022716)	493831.94	3761631.47	6.33479	(12022716)
493900.20	3761664.01	4.38069	(12022716)	493918.59	3761666.13	3.87712	(12022716)

493929.55 3761662.24 3.51930 (12022716) 493945.82
3761667.90 3.10077 (12022716)
493758.37 3761524.30 7.32807 (12022716) 493961.03
3761672.85 2.79722 (16112816)
493975.18 3761679.57 2.68049 (16112816) 493987.55
3761687.70 2.59368 (16112816)
493998.87 3761697.25 2.48581 (16112816) 494007.71
3761707.51 2.41399 (16112816)
494016.91 3761718.12 2.35630 (16112816) 494024.69
3761730.85 2.28557 (12022716)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	1.17272	(16011516)	493409.97	3761986.39	1.10117	(16011516)
493417.46	3761972.99	1.09697	(16011516)	493468.31	3761958.40	1.06123	(13100916)
493499.84	3761947.37	1.03935	(13100916)	493614.36	3761892.81	1.15423	(14123016)
493613.66	3761905.05	1.11742	(14123016)	493614.36	3761917.12	1.08076	(14123016)
493614.36	3761927.44	1.05259	(14123016)	493613.31	3761940.20	1.02168	(14123016)
493616.46	3761952.10	0.98645	(14123016)	493615.23	3761961.71	0.96700	(14123016)
493614.53	3761973.78	0.94211	(14123016)	493614.01	3761984.98	0.92007	(14123016)
493613.66	3761996.52	0.89766	(14123016)	493614.18	3762007.36	0.87627	(14123016)
493615.76	3762018.56	0.85383	(14123016)	493614.71	3762025.73	0.84318	(14123016)
493614.36	3762035.00	0.82845	(14123016)	493613.13	3762043.74	0.81611	(14123016)
493613.66	3762052.14	0.80265	(14123016)	493613.83	3762061.58	0.78858	(14123016)
493614.18	3762071.55	0.77559	(15013016)	493696.46	3761742.53	1.95186	(12022716)
493707.35	3761768.92	1.71094	(12022716)	493727.98	3761742.80	1.66866	(12022716)
493755.61	3761733.69	1.46102	(12022716)	493750.48	3761720.58	1.51649	(12022716)

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       493745.92   3761709.48        1.56617  (12022716)                493741.37
       3761696.95        1.61750  (12022716)
       493738.52   3761681.00        1.65101  (12022716)                493737.38
       3761663.91        1.72401  (12121816)
       493736.52   3761651.38        1.80889  (16011516)                494418.08
       3761416.13        0.61695  (12042316)
       494473.73   3761368.11        0.59010  (12042316)                494939.85
       3761394.35        0.40648  (16121516)
       494686.37   3761403.42        0.47639  (12042316)                494575.98
       3761568.60        0.52169  (16011516)
       494541.49   3761602.79        0.52967  (16011516)                494822.53
       3761435.24        0.42793  (12042316)
       494846.18   3761504.63        0.43208  (16011516)                494841.06
       3761535.78        0.43684  (16011516)
       494837.90   3761553.12        0.43877  (16011516)                494885.61
       3761199.09        0.45986  (16121516)
       494976.68   3761325.65        0.41886  (16121516)                494985.35
       3761366.25        0.40658  (16121516)
       495070.90   3761299.23        0.40917  (16121516)                495115.47
       3760632.60        0.42864  (16122216)
       495069.03   3760685.30        0.43573  (16122216)                495087.55
       3760728.31        0.43865  (12121716)
       495079.90   3760834.52        0.46346  (12121716)                495202.38
       3760883.65        0.45280  (12121716)
       495237.63   3760939.31        0.44005  (12121716)                495298.45
       3761048.56        0.41369  (16121516)
       490844.43   3759375.83        0.30940  (14012416)                490895.79
       3759357.70        0.30682  (14012416)
       490596.67   3759246.67        0.29977  (14012416)                489103.59
       3759859.22        0.42354  (13112916)
       488940.48   3759893.26        0.34838  (13112916)                488472.34
       3759865.64        0.37740  (13012516)
       488432.53   3759884.27        0.38462  (13012516)                488713.15
       3759827.76        0.34805  (13012516)
       487562.29   3760285.62        0.39682  (13012516)                487809.35
       3760420.86        0.42873  (13012516)
       487553.10   3761208.24        0.41439  (15122216)                487899.76
       3760972.40        0.45608  (15122216)
       487983.18   3762301.23        0.54801  (16123016)                487913.66
       3762403.25        0.51508  (16123016)
       487890.59   3762238.09        0.52882  (16123016)                488190.14
       3762513.88        0.51900  (16123016)
       488424.39   3762586.51        0.57061  (16010616)                488657.54
       3762495.87        0.75072  (16010616)
       488908.17   3762583.23        1.12432  (16010616)                489170.26
       3762660.77        1.62900  (16010516)
       489382.17   3762809.64        1.44308  (16122316)                489294.91
       3762783.65        1.47440  (16010516)
       489889.72   3762661.22        2.22451  (12022716)                490022.93
       3762783.29        1.30992  (12022716)
       490423.96   3762839.25        0.90929  (12022716)                490375.94
       3762870.37        0.93231  (12022716)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:50:04

                    PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                              VOL218      , VOL219      , VOL220      ,
                VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                VOL226      , VOL227      , VOL228      ,
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VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.70887	(12022716)	491132.33	3762903.51	0.70086	(16122216)
492890.84	3762203.51	3.28889	(12022716)	492961.55	3762258.51	2.06596	(12022716)
493033.99	3762272.60	1.67477	(12022716)	493032.31	3762205.18	1.89619	(12022716)
493087.32	3762215.25	1.45953	(12022716)	493079.94	3762296.41	1.42408	(12022716)
493163.79	3762367.18	1.02389	(12022716)	493068.87	3762510.05	0.74735	(12022716)
493101.07	3762454.71	0.93606	(12022716)	493281.84	3762369.19	0.74025	(12022716)
493351.51	3762095.42	1.01800	(16011516)	493439.48	3762105.84	0.88191	(15013016)
493972.90	3763044.23	0.36367	(14012416)	493957.03	3763184.09	0.35255	(14012416)
493583.55	3763480.45	0.35111	(14012416)	493258.47	3763568.15	0.35863	(14012416)
492895.78	3763485.72	0.38859	(14012416)	493781.01	3761659.05	1.40823	(16011516)
493797.63	3761658.35	1.33891	(16011516)	493831.94	3761631.47	1.35071	(16011516)
493900.20	3761664.01	1.01127	(16011516)	493918.59	3761666.13	0.97267	(16011516)
493929.55	3761662.24	0.96914	(16011516)	493945.82	3761667.90	0.92010	(16011516)
493758.37	3761524.30	2.47493	(12042316)	493961.03	3761672.85	0.88245	(16011516)
493975.18	3761679.57	0.85045	(16011516)	493987.55	3761687.70	0.81669	(16011516)
493998.87	3761697.25	0.78567	(16011516)	494007.71	3761707.51	0.75552	(16011516)
494016.91	3761718.12	0.72569	(16011516)	494024.69	3761730.85	0.70217	(16011516)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR,	NETWORK

ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

*** NONE ***

******** WARNING MESSAGES ********

ME W186 1069 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50

ME W187 1069 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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*** AERMOD Finishes Successfully ***

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/17/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Cons NOX\15218
Ph4 Cons NOX.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Cons NOX.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL216       VOLUME     493474.822  3761589.033      706.010
   LOCATION VOL217       VOLUME     493510.022  3761453.414      684.760
   LOCATION VOL218       VOLUME     493509.704  3761320.588      683.000
   LOCATION VOL219       VOLUME     493476.687  3761226.751      682.640
   LOCATION VOL220       VOLUME     493549.672  3761589.934      700.810
   LOCATION VOL221       VOLUME     493582.688  3761454.392      685.090
   LOCATION VOL222       VOLUME     493605.278  3761341.441      681.760
   LOCATION VOL223       VOLUME     492863.273  3762017.413      699.030
   LOCATION VOL224       VOLUME     492786.814  3762053.905      698.350
   LOCATION VOL225       VOLUME     492865.011  3761878.395      693.610
   LOCATION VOL226       VOLUME     492844.158  3761748.066      688.210
   LOCATION VOL227       VOLUME     492715.567  3761746.329      695.000
   LOCATION VOL228       VOLUME     492788.551  3761881.871      695.460
   LOCATION VOL229       VOLUME     492727.731  3762012.200      697.120
   LOCATION VOL230       VOLUME     492677.337  3762020.888      694.770
   LOCATION VOL231       VOLUME     490908.341  3761767.181      669.840
   LOCATION VOL232       VOLUME     490882.275  3761638.590      673.120
   LOCATION VOL233       VOLUME     490772.799  3761772.395      662.670
   LOCATION VOL234       VOLUME     490743.258  3761661.181      674.600
   LOCATION VOL235       VOLUME     490755.422  3761873.182      658.580
   LOCATION VOL236       VOLUME     490670.274  3761909.674      658.590
   LOCATION VOL237       VOLUME     490635.519  3761775.870      671.160
   LOCATION VOL238       VOLUME     490609.454  3761716.788      675.970
   LOCATION VOL239       VOLUME     490473.912  3761728.952      675.610
   LOCATION VOL240       VOLUME     490334.894  3761732.427      676.460
   LOCATION VOL241       VOLUME     490296.665  3761741.116      675.880
   LOCATION VOL242       VOLUME     490529.519  3761852.330      668.250
   LOCATION VOL243       VOLUME     490392.239  3761866.231      674.000
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   LOCATION VOL244       VOLUME     490538.207  3761902.723      670.080
   LOCATION VOL245       VOLUME     490319.255  3761847.116      674.640
   LOCATION VOL246       VOLUME     490214.992  3761643.803      671.070
   LOCATION VOL247       VOLUME     490069.024  3761690.722      667.180
   LOCATION VOL248       VOLUME     489931.744  3761685.509      660.170
   LOCATION VOL249       VOLUME     490079.450  3761556.918      671.240
   LOCATION VOL250       VOLUME     489942.170  3761551.704      667.860
   LOCATION VOL251       VOLUME     489806.628  3761483.933      667.210
   LOCATION VOL252       VOLUME     489735.382  3761489.147      667.180
   LOCATION VOL253       VOLUME     489980.400  3761824.526      660.890
   LOCATION VOL254       VOLUME     490060.335  3761918.363      666.740
   LOCATION VOL255       VOLUME     490023.843  3761970.494      670.170
   LOCATION VOL256       VOLUME     489914.367  3762024.364      669.860
   LOCATION VOL257       VOLUME     489890.039  3761909.674      663.100
   LOCATION VOL258       VOLUME     489841.383  3761793.247      664.580
   LOCATION VOL259       VOLUME     489705.841  3761786.296      670.830
   LOCATION VOL260       VOLUME     489665.873  3761852.330      667.930
   LOCATION VOL261       VOLUME     489777.087  3761920.100      673.280
   LOCATION VOL262       VOLUME     489658.922  3761987.871      673.090
   LOCATION VOL263       VOLUME     489660.660  3762121.676      670.050
   LOCATION VOL264       VOLUME     489787.513  3762052.167      677.790
   LOCATION VOL265       VOLUME     489789.251  3762187.709      673.550
   LOCATION VOL266       VOLUME     489660.660  3762255.480      670.900
   LOCATION VOL267       VOLUME     489674.562  3762389.284      661.900
   LOCATION VOL268       VOLUME     489702.365  3762444.891      667.840
   LOCATION VOL269       VOLUME     489796.202  3762324.989      669.910
   LOCATION VOL270       VOLUME     489886.563  3762319.775      672.070
   LOCATION VOL271       VOLUME     489836.169  3762417.088      661.320
   LOCATION VOL272       VOLUME     491466.148  3762446.629      677.130
   LOCATION VOL273       VOLUME     491349.721  3762450.104      685.480
   LOCATION VOL274       VOLUME     491360.148  3762309.349      687.200
** Source Parameters **
   SRCPARAM VOL216       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL217       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL218       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL219       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL220       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL221       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL222       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL223       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL224       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL225       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL226       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL227       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL228       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL229       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL230       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL231       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL232       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL233       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL234       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL235       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL236       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL237       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL238       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL239       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL240       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL241       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL242       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL243       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL244       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL245       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL246       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL247       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL248       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL249       0.0174047919     5.000    31.816     1.400
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   SRCPARAM VOL250       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL251       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL252       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL253       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL254       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL255       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL256       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL257       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL258       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL259       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL260       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL261       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL262       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL263       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL264       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL265       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL266       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL267       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL268       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL269       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL270       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL271       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL272       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL273       0.0174047919     5.000    31.816     1.400
   SRCPARAM VOL274       0.0174047919     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL222       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL223       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL224       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL225       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL226       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL227       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL228       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL229       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL230       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL231       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL232       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL233       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL234       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL235       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL237       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL238       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL239       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL240       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL241       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL242       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL243       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL244       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL245       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL246       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL247       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL248       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL249       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL250       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL251       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL252       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL253       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL254       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL255       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL256       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL257       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL258       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL259       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL260       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL261       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL262       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL263       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL264       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL265       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL266       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL267       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL268       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL269       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL270       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL271       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL272       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL273       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL274       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Cons NOX.rou"
```

```
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH4 CONS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph4 Cons NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1069       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1069       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
```

```
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for    59 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: NOX

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:     59 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     59 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate
                 Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph4 Cons
 NOX.err
 **File for Summary of Results:   15218 Ph4 Cons
 NOX.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL216	0 YES HRDOW	0.17405E-01	493474.8	3761589.0	706.0	5.00	31.82	1.40
VOL217	0 YES HRDOW	0.17405E-01	493510.0	3761453.4	684.8	5.00	31.82	1.40
VOL218	0 YES HRDOW	0.17405E-01	493509.7	3761320.6	683.0	5.00	31.82	1.40
VOL219	0 YES HRDOW	0.17405E-01	493476.7	3761226.8	682.6	5.00	31.82	1.40
VOL220	0 YES HRDOW	0.17405E-01	493549.7	3761589.9	700.8	5.00	31.82	1.40
VOL221	0 YES HRDOW	0.17405E-01	493582.7	3761454.4	685.1	5.00	31.82	1.40
VOL222	0 YES HRDOW	0.17405E-01	493605.3	3761341.4	681.8	5.00	31.82	1.40
VOL223	0 YES HRDOW	0.17405E-01	492863.3	3762017.4	699.0	5.00	31.82	1.40
VOL224	0 YES HRDOW	0.17405E-01	492786.8	3762053.9	698.3	5.00	31.82	1.40
VOL225	0 YES HRDOW	0.17405E-01	492865.0	3761878.4	693.6	5.00	31.82	1.40
VOL226	0 YES HRDOW	0.17405E-01	492844.2	3761748.1	688.2	5.00	31.82	1.40
VOL227	0 YES HRDOW	0.17405E-01	492715.6	3761746.3	695.0	5.00	31.82	1.40
VOL228	0 YES HRDOW	0.17405E-01	492788.6	3761881.9	695.5	5.00	31.82	1.40
VOL229	0 YES HRDOW	0.17405E-01	492727.7	3762012.2	697.1	5.00	31.82	1.40
VOL230	0 YES HRDOW	0.17405E-01	492677.3	3762020.9	694.8	5.00	31.82	1.40
VOL231	0 YES HRDOW	0.17405E-01	490908.3	3761767.2	669.8	5.00	31.82	1.40
VOL232	0 YES HRDOW	0.17405E-01	490882.3	3761638.6	673.1	5.00	31.82	1.40
VOL233	0 YES HRDOW	0.17405E-01	490772.8	3761772.4	662.7	5.00	31.82	1.40
VOL234	0 YES HRDOW	0.17405E-01	490743.3	3761661.2	674.6	5.00	31.82	1.40
VOL235	0 YES HRDOW	0.17405E-01	490755.4	3761873.2	658.6	5.00	31.82	1.40
VOL236	0 YES HRDOW	0.17405E-01	490670.3	3761909.7	658.6	5.00	31.82	1.40
VOL237	0 YES HRDOW	0.17405E-01	490635.5	3761775.9	671.2	5.00	31.82	1.40
VOL238	0 YES HRDOW	0.17405E-01	490609.5	3761716.8	676.0	5.00	31.82	1.40
VOL239	0 YES HRDOW	0.17405E-01	490473.9	3761729.0	675.6	5.00	31.82	1.40

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 VOL240           0   0.17405E-01  490334.9 3761732.4   676.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL241           0   0.17405E-01  490296.7 3761741.1   675.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL242           0   0.17405E-01  490529.5 3761852.3   668.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL243           0   0.17405E-01  490392.2 3761866.2   674.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL244           0   0.17405E-01  490538.2 3761902.7   670.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL245           0   0.17405E-01  490319.3 3761847.1   674.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL246           0   0.17405E-01  490215.0 3761643.8   671.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL247           0   0.17405E-01  490069.0 3761690.7   667.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL248           0   0.17405E-01  489931.7 3761685.5   660.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL249           0   0.17405E-01  490079.5 3761556.9   671.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL250           0   0.17405E-01  489942.2 3761551.7   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL251           0   0.17405E-01  489806.6 3761483.9   667.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL252           0   0.17405E-01  489735.4 3761489.1   667.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL253           0   0.17405E-01  489980.4 3761824.5   660.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL254           0   0.17405E-01  490060.3 3761918.4   666.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL255           0   0.17405E-01  490023.8 3761970.5   670.2     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -

 VOL256           0   0.17405E-01  489914.4 3762024.4   669.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL257           0   0.17405E-01  489890.0 3761909.7   663.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL258           0   0.17405E-01  489841.4 3761793.2   664.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL259           0   0.17405E-01  489705.8 3761786.3   670.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL260           0   0.17405E-01  489665.9 3761852.3   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL261           0   0.17405E-01  489777.1 3761920.1   673.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL262           0   0.17405E-01  489658.9 3761987.9   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
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 VOL263          0   0.17405E-01  489660.7 3762121.7   670.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL264          0   0.17405E-01  489787.5 3762052.2   677.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL265          0   0.17405E-01  489789.3 3762187.7   673.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL266          0   0.17405E-01  489660.7 3762255.5   670.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL267          0   0.17405E-01  489674.6 3762389.3   661.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL268          0   0.17405E-01  489702.4 3762444.9   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL269          0   0.17405E-01  489796.2 3762325.0   669.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL270          0   0.17405E-01  489886.6 3762319.8   672.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL271          0   0.17405E-01  489836.2 3762417.1   661.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL272          0   0.17405E-01  491466.1 3762446.6   677.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL273          0   0.17405E-01  491349.7 3762450.1   685.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL274          0   0.17405E-01  491360.1 3762309.3   687.2     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL216      , VOL217      , VOL218      , VOL219      , VOL220      , VOL221      ,
  VOL222      , VOL223      ,

             VOL224      , VOL225      , VOL226      , VOL227      , VOL228      , VOL229      ,
             VOL230      , VOL231      ,

             VOL232      , VOL233      , VOL234      , VOL235      , VOL236      , VOL237      ,
             VOL238      , VOL239      ,

             VOL240      , VOL241      , VOL242      , VOL243      , VOL244      , VOL245      ,
             VOL246      , VOL247      ,

             VOL248      , VOL249      , VOL250      , VOL251      , VOL252      , VOL253      ,
             VOL254      , VOL255      ,

             VOL256      , VOL257      , VOL258      , VOL259      , VOL260      , VOL261      ,
             VOL262      , VOL263      ,

             VOL264      , VOL265      , VOL266      , VOL267      , VOL268      , VOL269      ,
             VOL270      , VOL271      ,

             VOL272      , VOL273      , VOL274      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
		VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
		VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
		VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
		VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
		VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 , VOL262 , VOL263 ,
		VOL264 , VOL265 , VOL266 , VOL267 , VOL268 , VOL269 , VOL270 , VOL271 ,
		VOL272 , VOL273 , VOL274 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 11:53:15

PAGE 7
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 11:53:15

PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL218 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 11:53:15

PAGE 9
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL221       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL222 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL226 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL228       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL229       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL233 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL234 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL235 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL237       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
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```
 SOURCE ID = VOL238       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL239       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL241 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL243 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL244 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL245 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL248 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL249 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL251       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL252       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL253 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL256 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL257 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL258 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL259 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL260 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL261 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL262 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

SOURCE ID = VOL263 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL264 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL265   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL267 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 11:53:15

PAGE 59

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL269 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 11:53:15

PAGE 60

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL270 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL271 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL272 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8,	3762037.3,	711.3,	711.3,	2.0);	(493410.0,	3761986.4,	713.0,	713.0,	2.0);
(493417.5,	3761973.0,	713.0,	713.0,	2.0);	(493468.3,	3761958.4,	714.0,	714.0,	2.0);
(493499.8,	3761947.4,	713.9,	713.9,	2.0);	(493614.4,	3761892.8,	711.3,	711.3,	2.0);
(493613.7,	3761905.0,	712.0,	712.0,	2.0);	(493614.4,	3761917.1,	712.9,	712.9,	2.0);
(493614.4,	3761927.4,	713.5,	713.5,	2.0);	(493613.3,	3761940.2,	714.2,	714.2,	2.0);
(493616.5,	3761952.1,	714.8,	714.8,	2.0);	(493615.2,	3761961.7,	715.2,	715.2,	2.0);
(493614.5,	3761973.8,	715.6,	715.6,	2.0);	(493614.0,	3761985.0,	716.0,	716.0,	2.0);
(493613.7,	3761996.5,	716.0,	716.0,	2.0);	(493614.2,	3762007.4,	716.0,	716.0,	2.0);

(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);

(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5

```
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                      PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                                  VOL218      , VOL219      , VOL220      ,
                    VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                    VOL226      , VOL227      , VOL228      ,
                    VOL229      , VOL230      , VOL231      , VOL232      , VOL233      ,
                    VOL234      , VOL235      , VOL236      ,
                    VOL237      , VOL238      , VOL239      , VOL240      , VOL241      ,
                    VOL242      , VOL243      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF NOX      IN
                                       MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        1.68286  (13010916)               493409.97
       3761986.39        1.83031  (16122116)
```

493417.46 3761972.99 1.93549 (16122116) 493468.31
3761958.40 2.49038 (16122116)
493499.84 3761947.37 2.81039 (14123016) 493614.36
3761892.81 3.04068 (14123016)
493613.66 3761905.05 2.99058 (14123016) 493614.36
3761917.12 2.92687 (14123016)
493614.36 3761927.44 2.87928 (14123016) 493613.31
3761940.20 2.82935 (14123016)
493616.46 3761952.10 2.73876 (14123016) 493615.23
3761961.71 2.70752 (14123016)
493614.53 3761973.78 2.65881 (14123016) 493614.01
3761984.98 2.61341 (14123016)
493613.66 3761996.52 2.56090 (14123016) 493614.18
3762007.36 2.50513 (14123016)
493615.76 3762018.56 2.44180 (14123016) 493614.71
3762025.73 2.42050 (14123016)
493614.36 3762035.00 2.38542 (14123016) 493613.13
3762043.74 2.35894 (14123016)
493613.66 3762052.14 2.32305 (14123016) 493613.83
3762061.58 2.28676 (14123016)
493614.18 3762071.55 2.24849 (14123016) 493696.46
3761742.53 7.44987 (12022716)
493707.35 3761768.92 6.53857 (12022716) 493727.98
3761742.80 6.72945 (12022716)
493755.61 3761733.69 6.11146 (12022716) 493750.48
3761720.58 6.31556 (12022716)
493745.92 3761709.48 6.49325 (12022716) 493741.37
3761696.95 6.67331 (12022716)
493738.52 3761681.00 6.79099 (12022716) 493737.38
3761663.91 6.81853 (12022716)
493736.52 3761651.38 6.90108 (12022716) 494418.08
3761416.13 1.44906 (12121716)
494473.73 3761368.11 1.51820 (12121716) 494939.85
3761394.35 0.76095 (12121716)
494686.37 3761403.42 1.05207 (12121716) 494575.98
3761568.60 0.73972 (16121514)
494541.49 3761602.79 0.72595 (15121016) 494822.53
3761435.24 0.79085 (12121716)
494846.18 3761504.63 0.71694 (16121514) 494841.06
3761535.78 0.69838 (16121514)
494837.90 3761553.12 0.68757 (16121514) 494885.61
3761199.09 1.27845 (12121716)
494976.68 3761325.65 0.89980 (12121716) 494985.35
3761366.25 0.78877 (12121716)
495070.90 3761299.23 0.82829 (12121716) 495115.47
3760632.60 1.19068 (12121716)
495069.03 3760685.30 1.24909 (12121716) 495087.55
3760728.31 1.30679 (12121716)
495079.90 3760834.52 1.41586 (12121716) 495202.38
3760883.65 1.39659 (12121716)
495237.63 3760939.31 1.34779 (12121716) 495298.45
3761048.56 1.14571 (12121716)
490844.43 3759375.83 0.33607 (14021809) 490895.79
3759357.70 0.33389 (15091509)
490596.67 3759246.67 0.42404 (14021809) 489103.59
3759859.22 1.04153 (13112916)
488940.48 3759893.26 0.90947 (12021516) 488472.34
3759865.64 1.01256 (12021516)
488432.53 3759884.27 1.01206 (12021516) 488713.15
3759827.76 0.96089 (12021516)
487562.29 3760285.62 0.41004 (15122215) 487809.35
3760420.86 0.44132 (12121315)
487553.10 3761208.24 0.58027 (14120216) 487899.76
3760972.40 0.56758 (16012009)
487983.18 3762301.23 1.39330 (16123016) 487913.66
3762403.25 1.24718 (16123016)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487890.59	3762238.09	1.37191	(16123016)	488190.14	3762513.88	1.14120	(16123016)
488424.39	3762586.51	1.46746	(14120316)	488657.54	3762495.87	1.86627	(14120316)
488908.17	3762583.23	2.65569	(14120316)	489170.26	3762660.77	3.27601	(14120316)
489382.17	3762809.64	2.11638	(16011116)	489294.91	3762783.65	2.42762	(14120316)
489889.72	3762661.22	4.62195	(12022716)	490022.93	3762783.29	3.16596	(12022716)
490423.96	3762839.25	2.71418	(12022716)	490375.94	3762870.37	2.79396	(12022716)
491453.08	3762845.48	2.17670	(12022716)	491132.33	3762903.51	2.01404	(12022716)
492890.84	3762203.51	9.48239	(12022716)	492961.55	3762258.51	7.05377	(12022716)
493033.99	3762272.60	6.44553	(12022716)	493032.31	3762205.18	7.42551	(12022716)
493087.32	3762215.25	5.71613	(12022716)	493079.94	3762296.41	5.52772	(12022716)
493163.79	3762367.18	3.80417	(12022716)	493068.87	3762510.05	2.34728	(12022716)
493101.07	3762454.71	3.33478	(12022716)	493281.84	3762369.19	2.65934	(12022716)
493351.51	3762095.42	1.64793	(13010916)	493439.48	3762105.84	1.75114	(16122116)
493972.90	3763044.23	0.73110	(16112816)	493957.03	3763184.09	0.76470	(16112816)
493583.55	3763480.45	0.61852	(16112816)	493258.47	3763568.15	0.49931	(14120214)
492895.78	3763485.72	0.49149	(14120214)	493781.01	3761659.05	5.37463	(12022716)
493797.63	3761658.35	4.96915	(12022716)	493831.94	3761631.47	3.86008	(12022716)
493900.20	3761664.01	2.66936	(12022716)	493918.59	3761666.13	2.36251	(12022716)
493929.55	3761662.24	2.14447	(12022716)	493945.82	3761667.90	1.88944	(12022716)

```
       493758.37   3761524.30        4.46533  (12022716)                493961.03
       3761672.85        1.70448  (16112816)
       493975.18   3761679.57        1.63335  (16112816)                493987.55
       3761687.70        1.58045  (16112816)
       493998.87   3761697.25        1.51472  (16112816)                494007.71
       3761707.51        1.47096  (16112816)
       494016.91   3761718.12        1.43580  (16112816)                494024.69
       3761730.85        1.39270  (12022716)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                    ** CONC OF NOX      IN
                                    MICROGRAMS/M**3                        **


                                                  DATE
                                                                                NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       9.48239  ON 12022716: AT (  492890.84,  3762203.51,
695.84,   718.00,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:53:15

                     PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          388 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          191 Calm Hours Identified

 A Total of          197 Missing Hours Identified (  0.45 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

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ME W186    1069       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1069       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/17/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Cons PM10\15218
Ph4 Cons PM10.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Cons PM10.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL216       VOLUME     493474.822  3761589.033      706.010
   LOCATION VOL217       VOLUME     493510.022  3761453.414      684.760
   LOCATION VOL218       VOLUME     493509.704  3761320.588      683.000
   LOCATION VOL219       VOLUME     493476.687  3761226.751      682.640
   LOCATION VOL220       VOLUME     493549.672  3761589.934      700.810
   LOCATION VOL221       VOLUME     493582.688  3761454.392      685.090
   LOCATION VOL222       VOLUME     493605.278  3761341.441      681.760
   LOCATION VOL223       VOLUME     492863.273  3762017.413      699.030
   LOCATION VOL224       VOLUME     492786.814  3762053.905      698.350
   LOCATION VOL225       VOLUME     492865.011  3761878.395      693.610
   LOCATION VOL226       VOLUME     492844.158  3761748.066      688.210
   LOCATION VOL227       VOLUME     492715.567  3761746.329      695.000
   LOCATION VOL228       VOLUME     492788.551  3761881.871      695.460
   LOCATION VOL229       VOLUME     492727.731  3762012.200      697.120
   LOCATION VOL230       VOLUME     492677.337  3762020.888      694.770
   LOCATION VOL231       VOLUME     490908.341  3761767.181      669.840
   LOCATION VOL232       VOLUME     490882.275  3761638.590      673.120
   LOCATION VOL233       VOLUME     490772.799  3761772.395      662.670
   LOCATION VOL234       VOLUME     490743.258  3761661.181      674.600
   LOCATION VOL235       VOLUME     490755.422  3761873.182      658.580
   LOCATION VOL236       VOLUME     490670.274  3761909.674      658.590
   LOCATION VOL237       VOLUME     490635.519  3761775.870      671.160
   LOCATION VOL238       VOLUME     490609.454  3761716.788      675.970
   LOCATION VOL239       VOLUME     490473.912  3761728.952      675.610
   LOCATION VOL240       VOLUME     490334.894  3761732.427      676.460
   LOCATION VOL241       VOLUME     490296.665  3761741.116      675.880
   LOCATION VOL242       VOLUME     490529.519  3761852.330      668.250
   LOCATION VOL243       VOLUME     490392.239  3761866.231      674.000
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   LOCATION VOL244       VOLUME     490538.207  3761902.723      670.080
   LOCATION VOL245       VOLUME     490319.255  3761847.116      674.640
   LOCATION VOL246       VOLUME     490214.992  3761643.803      671.070
   LOCATION VOL247       VOLUME     490069.024  3761690.722      667.180
   LOCATION VOL248       VOLUME     489931.744  3761685.509      660.170
   LOCATION VOL249       VOLUME     490079.450  3761556.918      671.240
   LOCATION VOL250       VOLUME     489942.170  3761551.704      667.860
   LOCATION VOL251       VOLUME     489806.628  3761483.933      667.210
   LOCATION VOL252       VOLUME     489735.382  3761489.147      667.180
   LOCATION VOL253       VOLUME     489980.400  3761824.526      660.890
   LOCATION VOL254       VOLUME     490060.335  3761918.363      666.740
   LOCATION VOL255       VOLUME     490023.843  3761970.494      670.170
   LOCATION VOL256       VOLUME     489914.367  3762024.364      669.860
   LOCATION VOL257       VOLUME     489890.039  3761909.674      663.100
   LOCATION VOL258       VOLUME     489841.383  3761793.247      664.580
   LOCATION VOL259       VOLUME     489705.841  3761786.296      670.830
   LOCATION VOL260       VOLUME     489665.873  3761852.330      667.930
   LOCATION VOL261       VOLUME     489777.087  3761920.100      673.280
   LOCATION VOL262       VOLUME     489658.922  3761987.871      673.090
   LOCATION VOL263       VOLUME     489660.660  3762121.676      670.050
   LOCATION VOL264       VOLUME     489787.513  3762052.167      677.790
   LOCATION VOL265       VOLUME     489789.251  3762187.709      673.550
   LOCATION VOL266       VOLUME     489660.660  3762255.480      670.900
   LOCATION VOL267       VOLUME     489674.562  3762389.284      661.900
   LOCATION VOL268       VOLUME     489702.365  3762444.891      667.840
   LOCATION VOL269       VOLUME     489796.202  3762324.989      669.910
   LOCATION VOL270       VOLUME     489886.563  3762319.775      672.070
   LOCATION VOL271       VOLUME     489836.169  3762417.088      661.320
   LOCATION VOL272       VOLUME     491466.148  3762446.629      677.130
   LOCATION VOL273       VOLUME     491349.721  3762450.104      685.480
   LOCATION VOL274       VOLUME     491360.148  3762309.349      687.200
   LOCATION PAREA1       AREAPOLY   489684.069  3762510.494      658.630
   LOCATION PAREA2       AREAPOLY   491281.737  3762502.631      673.840
   LOCATION PAREA3       AREAPOLY   492618.295  3761995.439      687.180
   LOCATION PAREA4       AREAPOLY   493401.487  3761582.591      702.220
** Source Parameters **
   SRCPARAM VOL216       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL217       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL218       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL219       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL220       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL221       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL222       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL223       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL224       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL225       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL226       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL227       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL228       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL229       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL230       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL231       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL232       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL233       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL234       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL235       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL236       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL237       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL238       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL239       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL240       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL241       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL242       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL243       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL244       0.0007127423     5.000    31.816     1.400
   SRCPARAM VOL245       0.0007127423     5.000    31.816     1.400
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SRCPARAM VOL246       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL247       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL248       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL249       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL250       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL251       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL252       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL253       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL254       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL255       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL256       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL257       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL258       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL259       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL260       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL261       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL262       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL263       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL264       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL265       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL266       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL267       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL268       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL269       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL270       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL271       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL272       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL273       0.0007127423     5.000    31.816     1.400
SRCPARAM VOL274       0.0007127423     5.000    31.816     1.400
SRCPARAM PAREA1       1.8241E-07     0.000       101     1.000
AREAVERT PAREA1       489684.069 3762510.494 489775.275 3762477.471
AREAVERT PAREA1       489824.023 3762477.471 489957.686 3762331.228
AREAVERT PAREA1       489924.663 3762293.488 489902.648 3762274.618
AREAVERT PAREA1       489877.488 3762227.443 489844.465 3762161.397
AREAVERT PAREA1       489838.175 3762112.650 489836.603 3762092.207
AREAVERT PAREA1       489888.495 3762082.772 490085.059 3762037.169
AREAVERT PAREA1       490089.776 3762012.009 490102.356 3761994.712
AREAVERT PAREA1       490124.371 3761974.269 490042.601 3761783.996
AREAVERT PAREA1       490242.309 3761697.508 490278.477 3761826.453
AREAVERT PAREA1       490313.072 3761876.773 490346.095 3761912.941
AREAVERT PAREA1       490404.278 3761930.239 490525.361 3761936.529
AREAVERT PAREA1       490611.849 3761944.391 490677.894 3761958.544
AREAVERT PAREA1       490714.062 3761971.124 490780.107 3761883.064
AREAVERT PAREA1       490832.000 3761853.186 490879.175 3761818.591
AREAVERT PAREA1       490964.090 3761795.003 490924.777 3761585.860
AREAVERT PAREA1       490720.352 3761653.477 490643.299 3761672.348
AREAVERT PAREA1       490506.491 3761684.928 490294.202 3761691.218
AREAVERT PAREA1       490287.912 3761648.760 490270.615 3761628.317
AREAVERT PAREA1       490226.584 3761611.020 490190.417 3761581.142
AREAVERT PAREA1       490133.806 3761548.119 490069.334 3761522.959
AREAVERT PAREA1       489985.991 3761516.669 489902.648 3761504.089
AREAVERT PAREA1       489877.488 3761485.219 489841.320 3761419.174
AREAVERT PAREA1       489824.023 3761422.319 489737.535 3761438.044
AREAVERT PAREA1       489709.229 3761453.769 489690.359 3761491.509
AREAVERT PAREA1       489671.489 3761515.097 489691.932 3761543.402
AREAVERT PAREA1       489764.267 3761543.402 489791.000 3761551.265
AREAVERT PAREA1       489871.198 3761541.829 489877.488 3761529.249
AREAVERT PAREA1       489918.373 3761529.249 490045.746 3761538.684
AREAVERT PAREA1       490105.501 3761551.265 490146.386 3761568.562
AREAVERT PAREA1       490180.982 3761600.012 490218.722 3761622.027
AREAVERT PAREA1       490269.042 3761645.615 490267.470 3761678.638
AREAVERT PAREA1       490242.309 3761678.638 490226.584 3761659.768
AREAVERT PAREA1       490037.883 3761650.332 490001.716 3761647.187
AREAVERT PAREA1       489927.808 3761666.058 489965.548 3761714.805
AREAVERT PAREA1       489992.281 3761746.255 489992.281 3761768.270
AREAVERT PAREA1       489978.128 3761790.286 489948.251 3761804.438
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   AREAVERT PAREA1       489910.510 3761798.148 489890.068 3761771.416
   AREAVERT PAREA1       489874.343 3761752.545 489849.183 3761743.110
   AREAVERT PAREA1       489833.458 3761730.530 489809.870 3761727.385
   AREAVERT PAREA1       489754.832 3761725.813 489655.764 3761727.385
   AREAVERT PAREA1       489663.627 3761776.133 489621.169 3761809.156
   AREAVERT PAREA1       489596.009 3761821.736 489596.009 3761851.613
   AREAVERT PAREA1       489629.032 3761867.338 489635.322 3761879.918
   AREAVERT PAREA1       489643.184 3761895.644 489643.184 3761917.659
   AREAVERT PAREA1       489588.146 3761947.536 489592.864 3762112.650
   AREAVERT PAREA1       489603.872 3762117.367 489618.024 3762134.665
   AREAVERT PAREA1       489630.604 3762158.252 489629.032 3762197.565
   AREAVERT PAREA1       489608.589 3762216.435 489600.726 3762241.595
   AREAVERT PAREA1       489596.009 3762290.343 489627.459 3762332.801
   AREAVERT PAREA1       489633.749 3762362.678 489633.749 3762405.136
   AREAVERT PAREA1       489613.307 3762439.731
   SRCPARAM PAREA2       1.8241E-07     0.000         8     1.000
   AREAVERT PAREA2       491281.737 3762502.631 491413.827 3762510.494
   AREAVERT PAREA2       491530.193 3762499.486 491545.918 3762384.693
   AREAVERT PAREA2       491459.430 3762365.823 491410.682 3762317.075
   AREAVERT PAREA2       491347.782 3762247.885 491311.614 3762235.305
   SRCPARAM PAREA3       1.8241E-07     0.000        20     1.000
   AREAVERT PAREA3       492618.295 3761995.439 492621.704 3762028.387
   AREAVERT PAREA3       492656.924 3762063.608 492708.051 3762043.157
   AREAVERT PAREA3       492734.183 3762074.969 492717.140 3762096.556
   AREAVERT PAREA3       492751.225 3762114.734 492785.310 3762119.279
   AREAVERT PAREA3       492814.849 3762094.284 492896.652 3762079.514
   AREAVERT PAREA3       492928.465 3762059.063 492934.145 3761880.687
   AREAVERT PAREA3       492912.558 3761845.467 492911.422 3761688.678
   AREAVERT PAREA3       492894.380 3761672.772 492853.479 3761686.405
   AREAVERT PAREA3       492776.220 3761679.589 492636.474 3761677.316
   AREAVERT PAREA3       492763.723 3761887.504 492611.478 3761967.035
   SRCPARAM PAREA4       1.8241E-07     0.000        17     1.000
   AREAVERT PAREA4       493401.487 3761582.591 493452.616 3761633.719
   AREAVERT PAREA4       493508.289 3761654.171 493538.967 3761657.579
   AREAVERT PAREA4       493575.325 3761658.716 493582.142 3761606.451
   AREAVERT PAREA4       493607.138 3761506.465 493670.765 3761349.671
   AREAVERT PAREA4       493596.913 3761307.631 493513.970 3761241.732
   AREAVERT PAREA4       493449.207 3761184.922 493411.713 3761155.381
   AREAVERT PAREA4       493413.985 3761269.001 493442.390 3761307.631
   AREAVERT PAREA4       493442.390 3761521.236 493438.982 3761545.096
   AREAVERT PAREA4       493429.892 3761565.548
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL222       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL223       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL224       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL225       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL226       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL227       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL228       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL229       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL230       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL231       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL232       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL233       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL234       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL235       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL237       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL238       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL239       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL240       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL241       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL242       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL243       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL244       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL245       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL246       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL247       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL248       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL249       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL250       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL251       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL252       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL253       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL254       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL255       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL256       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL257       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL258       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL259       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL260       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL261       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL262       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL263       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL264       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL265       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL266       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL267       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL268       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL269       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL270       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL271       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL272       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL273       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL274       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA3       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Cons PM10.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH4 CONS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph4 Cons PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1211       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1211       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph4 Cons
PM10.err
**File for Summary of Results: 15218 Ph4 Cons
PM10.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL216	0	0.71274E-03	493474.8	3761589.0	706.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL217	0	0.71274E-03	493510.0	3761453.4	684.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL218	0	0.71274E-03	493509.7	3761320.6	683.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL219	0	0.71274E-03	493476.7	3761226.8	682.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL220	0	0.71274E-03	493549.7	3761589.9	700.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL221	0	0.71274E-03	493582.7	3761454.4	685.1	5.00	31.82	1.40
YES	HRDOW	NO						
VOL222	0	0.71274E-03	493605.3	3761341.4	681.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL223	0	0.71274E-03	492863.3	3762017.4	699.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL224	0	0.71274E-03	492786.8	3762053.9	698.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL225	0	0.71274E-03	492865.0	3761878.4	693.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL226	0	0.71274E-03	492844.2	3761748.1	688.2	5.00	31.82	1.40
YES	HRDOW	NO						
VOL227	0	0.71274E-03	492715.6	3761746.3	695.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL228	0	0.71274E-03	492788.6	3761881.9	695.5	5.00	31.82	1.40
YES	HRDOW	NO						
VOL229	0	0.71274E-03	492727.7	3762012.2	697.1	5.00	31.82	1.40
YES	HRDOW	NO						
VOL230	0	0.71274E-03	492677.3	3762020.9	694.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL231	0	0.71274E-03	490908.3	3761767.2	669.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL232	0	0.71274E-03	490882.3	3761638.6	673.1	5.00	31.82	1.40
YES	HRDOW	NO						
VOL233	0	0.71274E-03	490772.8	3761772.4	662.7	5.00	31.82	1.40
YES	HRDOW	NO						
VOL234	0	0.71274E-03	490743.3	3761661.2	674.6	5.00	31.82	1.40
YES	HRDOW	NO						

VOL235 0 0.71274E-03 490755.4 3761873.2 658.6 5.00 31.82 1.40
YES HRDOW NO
VOL236 0 0.71274E-03 490670.3 3761909.7 658.6 5.00 31.82 1.40
YES HRDOW NO
VOL237 0 0.71274E-03 490635.5 3761775.9 671.2 5.00 31.82 1.40
YES HRDOW NO
VOL238 0 0.71274E-03 490609.5 3761716.8 676.0 5.00 31.82 1.40
YES HRDOW NO
VOL239 0 0.71274E-03 490473.9 3761729.0 675.6 5.00 31.82 1.40
YES HRDOW NO
VOL240 0 0.71274E-03 490334.9 3761732.4 676.5 5.00 31.82 1.40
YES HRDOW NO
VOL241 0 0.71274E-03 490296.7 3761741.1 675.9 5.00 31.82 1.40
YES HRDOW NO
VOL242 0 0.71274E-03 490529.5 3761852.3 668.2 5.00 31.82 1.40
YES HRDOW NO
VOL243 0 0.71274E-03 490392.2 3761866.2 674.0 5.00 31.82 1.40
YES HRDOW NO
VOL244 0 0.71274E-03 490538.2 3761902.7 670.1 5.00 31.82 1.40
YES HRDOW NO
VOL245 0 0.71274E-03 490319.3 3761847.1 674.6 5.00 31.82 1.40
YES HRDOW NO
VOL246 0 0.71274E-03 490215.0 3761643.8 671.1 5.00 31.82 1.40
YES HRDOW NO
VOL247 0 0.71274E-03 490069.0 3761690.7 667.2 5.00 31.82 1.40
YES HRDOW NO
VOL248 0 0.71274E-03 489931.7 3761685.5 660.2 5.00 31.82 1.40
YES HRDOW NO
VOL249 0 0.71274E-03 490079.5 3761556.9 671.2 5.00 31.82 1.40
YES HRDOW NO
VOL250 0 0.71274E-03 489942.2 3761551.7 667.9 5.00 31.82 1.40
YES HRDOW NO
VOL251 0 0.71274E-03 489806.6 3761483.9 667.2 5.00 31.82 1.40
YES HRDOW NO
VOL252 0 0.71274E-03 489735.4 3761489.1 667.2 5.00 31.82 1.40
YES HRDOW NO
VOL253 0 0.71274E-03 489980.4 3761824.5 660.9 5.00 31.82 1.40
YES HRDOW NO
VOL254 0 0.71274E-03 490060.3 3761918.4 666.7 5.00 31.82 1.40
YES HRDOW NO
VOL255 0 0.71274E-03 490023.8 3761970.5 670.2 5.00 31.82 1.40
YES HRDOW NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT		BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	SOURCE SCALAR VARY BY
			X (METERS)	Y (METERS)	(METERS)	(METERS)	(METERS)		
VOL256	0	0.71274E-03	489914.4	3762024.4	669.9	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL257	0	0.71274E-03	489890.0	3761909.7	663.1	5.00	31.82	1.40	
YES	HRDOW	NO							

```
 VOL258           0   0.71274E-03  489841.4 3761793.2   664.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL259           0   0.71274E-03  489705.8 3761786.3   670.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL260           0   0.71274E-03  489665.9 3761852.3   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL261           0   0.71274E-03  489777.1 3761920.1   673.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL262           0   0.71274E-03  489658.9 3761987.9   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL263           0   0.71274E-03  489660.7 3762121.7   670.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL264           0   0.71274E-03  489787.5 3762052.2   677.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL265           0   0.71274E-03  489789.3 3762187.7   673.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL266           0   0.71274E-03  489660.7 3762255.5   670.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL267           0   0.71274E-03  489674.6 3762389.3   661.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL268           0   0.71274E-03  489702.4 3762444.9   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL269           0   0.71274E-03  489796.2 3762325.0   669.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL270           0   0.71274E-03  489886.6 3762319.8   672.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL271           0   0.71274E-03  489836.2 3762417.1   661.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL272           0   0.71274E-03  491466.1 3762446.6   677.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL273           0   0.71274E-03  491349.7 3762450.1   685.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL274           0   0.71274E-03  491360.1 3762309.3   687.2     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.
              URBAN  EMISSION RATE    AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ
   SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 PAREA1           0   0.18241E-06  489684.1 3762510.5   658.6     0.00     101         1.00
 YES   HRDOW            NO
 PAREA2           0   0.18241E-06  491281.7 3762502.6   673.8     0.00       8         1.00
 YES   HRDOW            NO
 PAREA3           0   0.18241E-06  492618.3 3761995.4   687.2     0.00      20         1.00
 YES   HRDOW            NO
 PAREA4           0   0.18241E-06  493401.5 3761582.6   702.2     0.00      17         1.00
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
	VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
	VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
	VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
	VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
	VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 , VOL262 , VOL263 ,
	VOL264 , VOL265 , VOL266 , VOL267 , VOL268 , VOL269 , VOL270 , VOL271 ,
	VOL272 , VOL273 , VOL274 , PAREA1 , PAREA2 , PAREA3 , PAREA4 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
		VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
		VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
		VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
		VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
		VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL218       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                      PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL219       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL222 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL225       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL226       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 12:03:56

PAGE 18

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL227 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SOURCE ID = VOL228       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                      PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL229       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL230 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL233 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL234 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL237 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL238 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL239 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL241 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL242 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL243 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL244 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL248 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL249 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL252 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL253 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL254 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL255   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 12:03:56

PAGE 48
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL257 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL259 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL260 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL261 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL262 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL264 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL266 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL267 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                     PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL268       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                     PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL269       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                      PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL270       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL271 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/17/24
*** AERMET - VERSION 16216 ***
*** *** 12:03:56

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL272 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                     PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = PAREA3       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                     PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = PAREA4 ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6,
712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
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(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,
719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,
723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8,
723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS
INCLUDED IN THE DATA FILE.

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5

```
12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
274.    9.1  300.1    5.5
12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/17/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:03:56

                      PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                                 VOL218      , VOL219      , VOL220      ,
                    VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                    VOL226      , VOL227      , VOL228      ,
                    VOL229      , VOL230      , VOL231      , VOL232      , VOL233      ,
                    VOL234      , VOL235      , VOL236      ,
                    VOL237      , VOL238      , VOL239      , VOL240      , VOL241      ,
                    VOL242      , VOL243      ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN
                                     MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
        493343.85   3762037.28        0.04740  (16112824)               493409.97
        3761986.39        0.04383  (13100924)
        493417.46   3761972.99        0.04608  (13100924)               493468.31
        3761958.40        0.05582  (16122124)
        493499.84   3761947.37        0.05988  (16122124)               493614.36
        3761892.81        0.05560  (16122624)
        493613.66   3761905.05        0.05467  (16122624)               493614.36
        3761917.12        0.05354  (16122624)
        493614.36   3761927.44        0.05271  (16122624)               493613.31
        3761940.20        0.05180  (16122624)
        493616.46   3761952.10        0.05041  (16122624)               493615.23
        3761961.71        0.04981  (16122624)
```

493614.53 3761973.78 0.04893 (16122624) 493614.01
3761984.98 0.04809 (16122624)
493613.66 3761996.52 0.04716 (16122624) 493614.18
3762007.36 0.04622 (16122624)
493615.76 3762018.56 0.04521 (16122624) 493614.71
3762025.73 0.04474 (16122624)
493614.36 3762035.00 0.04406 (16122624) 493613.13
3762043.74 0.04346 (16122624)
493613.66 3762052.14 0.04281 (16122624) 493613.83
3762061.58 0.04212 (16122624)
493614.18 3762071.55 0.04140 (16122624) 493696.46
3761742.53 0.06689 (12022724)
493707.35 3761768.92 0.05930 (12022724) 493727.98
3761742.80 0.05959 (13112024)
493755.61 3761733.69 0.05604 (13112024) 493750.48
3761720.58 0.05986 (13112024)
493745.92 3761709.48 0.06345 (13112024) 493741.37
3761696.95 0.06771 (13112024)
493738.52 3761681.00 0.07265 (13112024) 493737.38
3761663.91 0.07748 (13112024)
493736.52 3761651.38 0.08151 (13112024) 494418.08
3761416.13 0.03700 (15012024)
494473.73 3761368.11 0.03665 (15012024) 494939.85
3761394.35 0.02953 (15012024)
494686.37 3761403.42 0.03256 (15012024) 494575.98
3761568.60 0.03156 (15012024)
494541.49 3761602.79 0.03135 (15012024) 494822.53
3761435.24 0.03035 (15012024)
494846.18 3761504.63 0.02924 (15012024) 494841.06
3761535.78 0.02890 (15012024)
494837.90 3761553.12 0.02869 (15012024) 494885.61
3761199.09 0.03186 (15012024)
494976.68 3761325.65 0.02972 (15012024) 494985.35
3761366.25 0.02926 (15012024)
495070.90 3761299.23 0.02905 (15012024) 495115.47
3760632.60 0.03015 (14013024)
495069.03 3760685.30 0.03064 (14013024) 495087.55
3760728.31 0.03066 (14013024)
495079.90 3760834.52 0.03074 (14013024) 495202.38
3760883.65 0.02904 (14013024)
495237.63 3760939.31 0.02874 (15012024) 495298.45
3761048.56 0.02814 (15012024)
490844.43 3759375.83 0.01692c (14012924) 490895.79
3759357.70 0.01670c (14012924)
490596.67 3759246.67 0.01681c (14012924) 489103.59
3759859.22 0.01865 (12121324)
488940.48 3759893.26 0.02269 (12121324) 488472.34
3759865.64 0.01958 (13012524)
488432.53 3759884.27 0.02041 (13012524) 488713.15
3759827.76 0.02299 (12121324)
487562.29 3760285.62 0.03761 (13012524) 487809.35
3760420.86 0.03939 (13012524)
487553.10 3761208.24 0.02366 (15122224) 487899.76
3760972.40 0.03250 (13012524)
487983.18 3762301.23 0.04404m (13123124) 487913.66
3762403.25 0.04265m (13123124)
487890.59 3762238.09 0.04244m (13123124) 488190.14
3762513.88 0.04158m (13123124)
488424.39 3762586.51 0.03810m (13123124) 488657.54
3762495.87 0.04316m (13123124)
488908.17 3762583.23 0.05982 (14120324) 489170.26
3762660.77 0.08195 (16010524)
489382.17 3762809.64 0.07565 (16122324) 489294.91
3762783.65 0.07175 (16010524)
489889.72 3762661.22 0.09630 (14123024) 490022.93
3762783.29 0.05882 (16122224)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.03043	(13120924)	491132.33	3762903.51	0.03360	(16122324)
492890.84	3762203.51	0.11713	(12022724)	492961.55	3762258.51	0.07110	(12022724)
493033.99	3762272.60	0.05715	(12022724)	493032.31	3762205.18	0.07069	(12022724)
493087.32	3762215.25	0.05852	(12022724)	493079.94	3762296.41	0.05210	(12022724)
493163.79	3762367.18	0.04243	(12022724)	493068.87	3762510.05	0.02893	(14012424)
493101.07	3762454.71	0.03190	(12022724)	493281.84	3762369.19	0.03141	(12022724)
493351.51	3762095.42	0.04428	(16112824)	493439.48	3762105.84	0.03989	(16122124)
493972.90	3763044.23	0.01994	(13030724)	493957.03	3763184.09	0.01953	(14012424)
493583.55	3763480.45	0.01804	(14012424)	493258.47	3763568.15	0.01629	(16030324)
492895.78	3763485.72	0.01695	(14100224)	493781.01	3761659.05	0.06211	(13112024)
493797.63	3761658.35	0.05759	(13112024)	493831.94	3761631.47	0.05153	(13112024)
493900.20	3761664.01	0.04134	(16030224)	493918.59	3761666.13	0.04055	(16030224)
493929.55	3761662.24	0.04059	(16030224)	493945.82	3761667.90	0.03945	(16030224)
493758.37	3761524.30	0.09863	(12042324)	493961.03	3761672.85	0.03858	(16030224)
493975.18	3761679.57	0.03781	(16030224)	493987.55	3761687.70	0.03697	(16030224)
493998.87	3761697.25	0.03618	(16030224)	494007.71	3761707.51	0.03546	(15012024)
494016.91	3761718.12	0.03488	(15012024)	494024.69	3761730.85	0.03432	(15012024)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10   IN
MICROGRAMS/M**3   **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.11713	ON 12022724: AT (492890.84, 3762203.51, 695.84, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   2 Warning Message(s)
 A Total of   388 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   191 Calm Hours Identified

 A Total of   197 Missing Hours Identified (0.45 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   1211   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
 ME W187   1211   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ****
    *** AERMOD Finishes Successfully ***
    ****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Cons PM25\15218
Ph4 Cons PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Cons PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL216       VOLUME     493474.822  3761589.033      706.010
   LOCATION VOL217       VOLUME     493510.022  3761453.414      684.760
   LOCATION VOL218       VOLUME     493509.704  3761320.588      683.000
   LOCATION VOL219       VOLUME     493476.687  3761226.751      682.640
   LOCATION VOL220       VOLUME     493549.672  3761589.934      700.810
   LOCATION VOL221       VOLUME     493582.688  3761454.392      685.090
   LOCATION VOL222       VOLUME     493605.278  3761341.441      681.760
   LOCATION VOL223       VOLUME     492863.273  3762017.413      699.030
   LOCATION VOL224       VOLUME     492786.814  3762053.905      698.350
   LOCATION VOL225       VOLUME     492865.011  3761878.395      693.610
   LOCATION VOL226       VOLUME     492844.158  3761748.066      688.210
   LOCATION VOL227       VOLUME     492715.567  3761746.329      695.000
   LOCATION VOL228       VOLUME     492788.551  3761881.871      695.460
   LOCATION VOL229       VOLUME     492727.731  3762012.200      697.120
   LOCATION VOL230       VOLUME     492677.337  3762020.888      694.770
   LOCATION VOL231       VOLUME     490908.341  3761767.181      669.840
   LOCATION VOL232       VOLUME     490882.275  3761638.590      673.120
   LOCATION VOL233       VOLUME     490772.799  3761772.395      662.670
   LOCATION VOL234       VOLUME     490743.258  3761661.181      674.600
   LOCATION VOL235       VOLUME     490755.422  3761873.182      658.580
   LOCATION VOL236       VOLUME     490670.274  3761909.674      658.590
   LOCATION VOL237       VOLUME     490635.519  3761775.870      671.160
   LOCATION VOL238       VOLUME     490609.454  3761716.788      675.970
   LOCATION VOL239       VOLUME     490473.912  3761728.952      675.610
   LOCATION VOL240       VOLUME     490334.894  3761732.427      676.460
   LOCATION VOL241       VOLUME     490296.665  3761741.116      675.880
   LOCATION VOL242       VOLUME     490529.519  3761852.330      668.250
   LOCATION VOL243       VOLUME     490392.239  3761866.231      674.000
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   LOCATION VOL244       VOLUME     490538.207  3761902.723      670.080
   LOCATION VOL245       VOLUME     490319.255  3761847.116      674.640
   LOCATION VOL246       VOLUME     490214.992  3761643.803      671.070
   LOCATION VOL247       VOLUME     490069.024  3761690.722      667.180
   LOCATION VOL248       VOLUME     489931.744  3761685.509      660.170
   LOCATION VOL249       VOLUME     490079.450  3761556.918      671.240
   LOCATION VOL250       VOLUME     489942.170  3761551.704      667.860
   LOCATION VOL251       VOLUME     489806.628  3761483.933      667.210
   LOCATION VOL252       VOLUME     489735.382  3761489.147      667.180
   LOCATION VOL253       VOLUME     489980.400  3761824.526      660.890
   LOCATION VOL254       VOLUME     490060.335  3761918.363      666.740
   LOCATION VOL255       VOLUME     490023.843  3761970.494      670.170
   LOCATION VOL256       VOLUME     489914.367  3762024.364      669.860
   LOCATION VOL257       VOLUME     489890.039  3761909.674      663.100
   LOCATION VOL258       VOLUME     489841.383  3761793.247      664.580
   LOCATION VOL259       VOLUME     489705.841  3761786.296      670.830
   LOCATION VOL260       VOLUME     489665.873  3761852.330      667.930
   LOCATION VOL261       VOLUME     489777.087  3761920.100      673.280
   LOCATION VOL262       VOLUME     489658.922  3761987.871      673.090
   LOCATION VOL263       VOLUME     489660.660  3762121.676      670.050
   LOCATION VOL264       VOLUME     489787.513  3762052.167      677.790
   LOCATION VOL265       VOLUME     489789.251  3762187.709      673.550
   LOCATION VOL266       VOLUME     489660.660  3762255.480      670.900
   LOCATION VOL267       VOLUME     489674.562  3762389.284      661.900
   LOCATION VOL268       VOLUME     489702.365  3762444.891      667.840
   LOCATION VOL269       VOLUME     489796.202  3762324.989      669.910
   LOCATION VOL270       VOLUME     489886.563  3762319.775      672.070
   LOCATION VOL271       VOLUME     489836.169  3762417.088      661.320
   LOCATION VOL272       VOLUME     491466.148  3762446.629      677.130
   LOCATION VOL273       VOLUME     491349.721  3762450.104      685.480
   LOCATION VOL274       VOLUME     491360.148  3762309.349      687.200
   LOCATION PAREA1       AREAPOLY   489684.069  3762510.494      658.630
   LOCATION PAREA2       AREAPOLY   491281.737  3762502.631      673.840
   LOCATION PAREA3       AREAPOLY   492618.295  3761995.439      687.180
   LOCATION PAREA4       AREAPOLY   493401.487  3761582.591      702.220
** Source Parameters **
   SRCPARAM VOL216       0.0006566838     5.000    31.816     1.400
   SRCPARAM VOL217       0.0006566838     5.000    31.816     1.400
   SRCPARAM VOL218       0.0006566838     5.000    31.816     1.400
   SRCPARAM VOL219       0.0006566838     5.000    31.816     1.400
   SRCPARAM VOL220       0.0006566838     5.000    31.816     1.400
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   SRCPARAM VOL222       0.0006566838     5.000    31.816     1.400
   SRCPARAM VOL223       0.0006566838     5.000    31.816     1.400
   SRCPARAM VOL224       0.0006566838     5.000    31.816     1.400
   SRCPARAM VOL225       0.0006566838     5.000    31.816     1.400
   SRCPARAM VOL226       0.0006566838     5.000    31.816     1.400
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   SRCPARAM VOL228       0.0006566838     5.000    31.816     1.400
   SRCPARAM VOL229       0.0006566838     5.000    31.816     1.400
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   SRCPARAM VOL231       0.0006566838     5.000    31.816     1.400
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   SRCPARAM VOL245       0.0006566838     5.000    31.816     1.400
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SRCPARAM VOL248       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL249       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL250       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL251       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL252       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL253       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL254       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL255       0.0006566838     5.000    31.816     1.400
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SRCPARAM VOL257       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL258       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL259       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL260       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL261       0.0006566838     5.000    31.816     1.400
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SRCPARAM VOL264       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL265       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL266       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL267       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL268       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL269       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL270       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL271       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL272       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL273       0.0006566838     5.000    31.816     1.400
SRCPARAM VOL274       0.0006566838     5.000    31.816     1.400
SRCPARAM PAREA1       5.0959E-08       0.000       101     1.000
AREAVERT PAREA1       489684.069 3762510.494 489775.275 3762477.471
AREAVERT PAREA1       489824.023 3762477.471 489957.686 3762331.228
AREAVERT PAREA1       489924.663 3762293.488 489902.648 3762274.618
AREAVERT PAREA1       489877.488 3762227.443 489844.465 3762161.397
AREAVERT PAREA1       489838.175 3762112.650 489836.603 3762092.207
AREAVERT PAREA1       489888.495 3762082.772 490085.059 3762037.169
AREAVERT PAREA1       490089.776 3762012.009 490102.356 3761994.712
AREAVERT PAREA1       490124.371 3761974.269 490042.601 3761783.996
AREAVERT PAREA1       490242.309 3761697.508 490278.477 3761826.453
AREAVERT PAREA1       490313.072 3761876.773 490346.095 3761912.941
AREAVERT PAREA1       490404.278 3761930.239 490525.361 3761936.529
AREAVERT PAREA1       490611.849 3761944.391 490677.894 3761958.544
AREAVERT PAREA1       490714.062 3761971.124 490780.107 3761883.064
AREAVERT PAREA1       490832.000 3761853.186 490879.175 3761818.591
AREAVERT PAREA1       490964.090 3761795.003 490924.777 3761585.860
AREAVERT PAREA1       490720.352 3761653.477 490643.299 3761672.348
AREAVERT PAREA1       490506.491 3761684.928 490294.202 3761691.218
AREAVERT PAREA1       490287.912 3761648.760 490270.615 3761628.317
AREAVERT PAREA1       490226.584 3761611.020 490190.417 3761581.142
AREAVERT PAREA1       490133.806 3761548.119 490069.334 3761522.959
AREAVERT PAREA1       489985.991 3761516.669 489902.648 3761504.089
AREAVERT PAREA1       489877.488 3761485.219 489841.320 3761419.174
AREAVERT PAREA1       489824.023 3761422.319 489737.535 3761438.044
AREAVERT PAREA1       489709.229 3761453.769 489690.359 3761491.509
AREAVERT PAREA1       489671.489 3761515.097 489691.932 3761543.402
AREAVERT PAREA1       489764.267 3761543.402 489791.000 3761551.265
AREAVERT PAREA1       489871.198 3761541.829 489877.488 3761529.249
AREAVERT PAREA1       489918.373 3761529.249 490045.746 3761538.684
AREAVERT PAREA1       490105.501 3761551.265 490146.386 3761568.562
AREAVERT PAREA1       490180.982 3761600.012 490218.722 3761622.027
AREAVERT PAREA1       490269.042 3761645.615 490267.470 3761678.638
AREAVERT PAREA1       490242.309 3761678.638 490226.584 3761659.768
AREAVERT PAREA1       490037.883 3761650.332 490001.716 3761647.187
AREAVERT PAREA1       489927.808 3761666.058 489965.548 3761714.805
AREAVERT PAREA1       489992.281 3761746.255 489992.281 3761768.270
AREAVERT PAREA1       489978.128 3761790.286 489948.251 3761804.438
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   AREAVERT PAREA1       489910.510 3761798.148 489890.068 3761771.416
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   AREAVERT PAREA1       489663.627 3761776.133 489621.169 3761809.156
   AREAVERT PAREA1       489596.009 3761821.736 489596.009 3761851.613
   AREAVERT PAREA1       489629.032 3761867.338 489635.322 3761879.918
   AREAVERT PAREA1       489643.184 3761895.644 489643.184 3761917.659
   AREAVERT PAREA1       489588.146 3761947.536 489592.864 3762112.650
   AREAVERT PAREA1       489603.872 3762117.367 489618.024 3762134.665
   AREAVERT PAREA1       489630.604 3762158.252 489629.032 3762197.565
   AREAVERT PAREA1       489608.589 3762216.435 489600.726 3762241.595
   AREAVERT PAREA1       489596.009 3762290.343 489627.459 3762332.801
   AREAVERT PAREA1       489633.749 3762362.678 489633.749 3762405.136
   AREAVERT PAREA1       489613.307 3762439.731
   SRCPARAM PAREA2       5.0959E-08     0.000         8     1.000
   AREAVERT PAREA2       491281.737 3762502.631 491413.827 3762510.494
   AREAVERT PAREA2       491530.193 3762499.486 491545.918 3762384.693
   AREAVERT PAREA2       491459.430 3762365.823 491410.682 3762317.075
   AREAVERT PAREA2       491347.782 3762247.885 491311.614 3762235.305
   SRCPARAM PAREA3       5.0959E-08     0.000        20     1.000
   AREAVERT PAREA3       492618.295 3761995.439 492621.704 3762028.387
   AREAVERT PAREA3       492656.924 3762063.608 492708.051 3762043.157
   AREAVERT PAREA3       492734.183 3762074.969 492717.140 3762096.556
   AREAVERT PAREA3       492751.225 3762114.734 492785.310 3762119.279
   AREAVERT PAREA3       492814.849 3762094.284 492896.652 3762079.514
   AREAVERT PAREA3       492928.465 3762059.063 492934.145 3761880.687
   AREAVERT PAREA3       492912.558 3761845.467 492911.422 3761688.678
   AREAVERT PAREA3       492894.380 3761672.772 492853.479 3761686.405
   AREAVERT PAREA3       492776.220 3761679.589 492636.474 3761677.316
   AREAVERT PAREA3       492763.723 3761887.504 492611.478 3761967.035
   SRCPARAM PAREA4       5.0959E-08     0.000        17     1.000
   AREAVERT PAREA4       493401.487 3761582.591 493452.616 3761633.719
   AREAVERT PAREA4       493508.289 3761654.171 493538.967 3761657.579
   AREAVERT PAREA4       493575.325 3761658.716 493582.142 3761606.451
   AREAVERT PAREA4       493607.138 3761506.465 493670.765 3761349.671
   AREAVERT PAREA4       493596.913 3761307.631 493513.970 3761241.732
   AREAVERT PAREA4       493449.207 3761184.922 493411.713 3761155.381
   AREAVERT PAREA4       493413.985 3761269.001 493442.390 3761307.631
   AREAVERT PAREA4       493442.390 3761521.236 493438.982 3761545.096
   AREAVERT PAREA4       493429.892 3761565.548
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
```

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   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL222       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL223       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL224       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL225       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL226       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL227       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL228       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL229       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL230       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL231       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL232       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL233       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL234       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL235       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL237       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL238       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL239       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL240       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL241       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL242       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL243       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL244       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL245       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL246       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL247       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL248       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL249       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL250       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL251       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL252       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL253       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL254       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL255       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL256       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL257       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL258       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL259       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL260       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL261       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL262       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL263       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL264       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL265       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL266       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL267       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL268       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL269       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL270       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL271       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL272       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL273       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL274       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA3       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Cons PM25.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH4 CONS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph4 Cons PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1211       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1211       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:33:07
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 63 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Accepts FLAGPOLE Receptor . Heights.
* The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 63 Source(s); 1 Source Group(s); and 114 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 59 VOLUME source(s)
and: 4 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File:

aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph4 Cons
PM25.err
**File for Summary of Results: 15218 Ph4 Cons
PM25.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL216	0	0.65668E-03	493474.8	3761589.0	706.0	5.00	31.82	1.40	YES HRDOW
VOL217	0	0.65668E-03	493510.0	3761453.4	684.8	5.00	31.82	1.40	YES HRDOW
VOL218	0	0.65668E-03	493509.7	3761320.6	683.0	5.00	31.82	1.40	YES HRDOW
VOL219	0	0.65668E-03	493476.7	3761226.8	682.6	5.00	31.82	1.40	YES HRDOW
VOL220	0	0.65668E-03	493549.7	3761589.9	700.8	5.00	31.82	1.40	YES HRDOW
VOL221	0	0.65668E-03	493582.7	3761454.4	685.1	5.00	31.82	1.40	YES HRDOW
VOL222	0	0.65668E-03	493605.3	3761341.4	681.8	5.00	31.82	1.40	YES HRDOW
VOL223	0	0.65668E-03	492863.3	3762017.4	699.0	5.00	31.82	1.40	YES HRDOW
VOL224	0	0.65668E-03	492786.8	3762053.9	698.3	5.00	31.82	1.40	YES HRDOW
VOL225	0	0.65668E-03	492865.0	3761878.4	693.6	5.00	31.82	1.40	YES HRDOW
VOL226	0	0.65668E-03	492844.2	3761748.1	688.2	5.00	31.82	1.40	YES HRDOW
VOL227	0	0.65668E-03	492715.6	3761746.3	695.0	5.00	31.82	1.40	YES HRDOW
VOL228	0	0.65668E-03	492788.6	3761881.9	695.5	5.00	31.82	1.40	YES HRDOW
VOL229	0	0.65668E-03	492727.7	3762012.2	697.1	5.00	31.82	1.40	YES HRDOW
VOL230	0	0.65668E-03	492677.3	3762020.9	694.8	5.00	31.82	1.40	YES HRDOW
VOL231	0	0.65668E-03	490908.3	3761767.2	669.8	5.00	31.82	1.40	YES HRDOW
VOL232	0	0.65668E-03	490882.3	3761638.6	673.1	5.00	31.82	1.40	YES HRDOW
VOL233	0	0.65668E-03	490772.8	3761772.4	662.7	5.00	31.82	1.40	YES HRDOW
VOL234	0	0.65668E-03	490743.3	3761661.2	674.6	5.00	31.82	1.40	YES HRDOW

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 VOL235          0   0.65668E-03  490755.4 3761873.2   658.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL236          0   0.65668E-03  490670.3 3761909.7   658.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL237          0   0.65668E-03  490635.5 3761775.9   671.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL238          0   0.65668E-03  490609.5 3761716.8   676.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL239          0   0.65668E-03  490473.9 3761729.0   675.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL240          0   0.65668E-03  490334.9 3761732.4   676.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL241          0   0.65668E-03  490296.7 3761741.1   675.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL242          0   0.65668E-03  490529.5 3761852.3   668.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL243          0   0.65668E-03  490392.2 3761866.2   674.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL244          0   0.65668E-03  490538.2 3761902.7   670.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL245          0   0.65668E-03  490319.3 3761847.1   674.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL246          0   0.65668E-03  490215.0 3761643.8   671.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL247          0   0.65668E-03  490069.0 3761690.7   667.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL248          0   0.65668E-03  489931.7 3761685.5   660.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL249          0   0.65668E-03  490079.5 3761556.9   671.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL250          0   0.65668E-03  489942.2 3761551.7   667.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL251          0   0.65668E-03  489806.6 3761483.9   667.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL252          0   0.65668E-03  489735.4 3761489.1   667.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL253          0   0.65668E-03  489980.4 3761824.5   660.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL254          0   0.65668E-03  490060.3 3761918.4   666.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL255          0   0.65668E-03  490023.8 3761970.5   670.2     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       09:33:07

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - -

 VOL256          0   0.65668E-03  489914.4 3762024.4   669.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL257          0   0.65668E-03  489890.0 3761909.7   663.1     5.00    31.82     1.40
 YES   HRDOW           NO
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 VOL258          0   0.65668E-03  489841.4 3761793.2   664.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL259          0   0.65668E-03  489705.8 3761786.3   670.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL260          0   0.65668E-03  489665.9 3761852.3   667.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL261          0   0.65668E-03  489777.1 3761920.1   673.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL262          0   0.65668E-03  489658.9 3761987.9   673.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL263          0   0.65668E-03  489660.7 3762121.7   670.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL264          0   0.65668E-03  489787.5 3762052.2   677.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL265          0   0.65668E-03  489789.3 3762187.7   673.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL266          0   0.65668E-03  489660.7 3762255.5   670.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL267          0   0.65668E-03  489674.6 3762389.3   661.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL268          0   0.65668E-03  489702.4 3762444.9   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL269          0   0.65668E-03  489796.2 3762325.0   669.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL270          0   0.65668E-03  489886.6 3762319.8   672.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL271          0   0.65668E-03  489836.2 3762417.1   661.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL272          0   0.65668E-03  491466.1 3762446.6   677.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL273          0   0.65668E-03  491349.7 3762450.1   685.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL274          0   0.65668E-03  491360.1 3762309.3   687.2     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:33:07

                    PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.
              URBAN  EMISSION RATE    AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ
   SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 PAREA1          0   0.50959E-07  489684.1 3762510.5   658.6     0.00     101         1.00
 YES   HRDOW           NO
 PAREA2          0   0.50959E-07  491281.7 3762502.6   673.8     0.00       8         1.00
 YES   HRDOW           NO
 PAREA3          0   0.50959E-07  492618.3 3761995.4   687.2     0.00      20         1.00
 YES   HRDOW           NO
 PAREA4          0   0.50959E-07  493401.5 3761582.6   702.2     0.00      17         1.00
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:33:07
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
	VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
	VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
	VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
	VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
	VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 , VOL262 , VOL263 ,
	VOL264 , VOL265 , VOL266 , VOL267 , VOL268 , VOL269 , VOL270 , VOL271 ,
	VOL272 , VOL273 , VOL274 , PAREA1 , PAREA2 , PAREA3 , PAREA4 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
		VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
		VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
		VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
		VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
		VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 ,

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            VOL262      , VOL263      ,

            VOL264      , VOL265      , VOL266      , VOL267      , VOL268      , VOL269      ,
            VOL270      , VOL271      ,

            VOL272      , VOL273      , VOL274      , PAREA1      , PAREA2      , PAREA3      ,
            PAREA4      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL216       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL217       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL218       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                      PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL219       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL222 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL226 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:33:07

                    PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL227       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:33:07

                    PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL228       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                      PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL229       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL230 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL233 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL234 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL237 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL238 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL239 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL241 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL243 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL244 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL248 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL249 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL252 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

SOURCE ID = VOL253 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL254 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL255   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL257 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL258 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

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*** AERMET - VERSION 16216 ***
*** *** 09:33:07

PAGE 50
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL259 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

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*** AERMET - VERSION 16216 ***
*** *** 09:33:07

PAGE 51
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL260 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL261 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL262 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL263 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL264 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL266 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL267 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                     PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL268       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                     PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL269       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:33:07

                      PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL270       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:33:07
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL271 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 09:33:07

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL272 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                     PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = PAREA3       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                     PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = PAREA4 ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6,
712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,
719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,
723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8,
723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS
INCLUDED IN THE DATA FILE.

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5

```
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.    10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:33:07

                      PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                                 VOL218      , VOL219      , VOL220      ,
                    VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                    VOL226      , VOL227      , VOL228      ,
                    VOL229      , VOL230      , VOL231      , VOL232      , VOL233      ,
                    VOL234      , VOL235      , VOL236      ,
                    VOL237      , VOL238      , VOL239      , VOL240      , VOL241      ,
                    VOL242      , VOL243      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN
                                       MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        0.01919  (16011524)               493409.97
       3761986.39        0.01792  (16011524)
       493417.46   3761972.99        0.01830  (13100924)               493468.31
       3761958.40        0.02065  (16122124)
       493499.84   3761947.37        0.02202  (16122124)               493614.36
       3761892.81        0.01909  (16122624)
       493613.66   3761905.05        0.01872  (16122624)               493614.36
       3761917.12        0.01831  (16122624)
       493614.36   3761927.44        0.01799  (16122624)               493613.31
       3761940.20        0.01766  (16122624)
       493616.46   3761952.10        0.01719  (16122624)               493615.23
       3761961.71        0.01697  (16122624)
```

493614.53 3761973.78 0.01666 (16122624) 493614.01
3761984.98 0.01638 (16122624)
493613.66 3761996.52 0.01606 (16122624) 493614.18
3762007.36 0.01575 (16122624)
493615.76 3762018.56 0.01542 (16122624) 493614.71
3762025.73 0.01526 (16122624)
493614.36 3762035.00 0.01504 (16122624) 493613.13
3762043.74 0.01484 (16122624)
493613.66 3762052.14 0.01463 (16122624) 493613.83
3762061.58 0.01441 (16122624)
493614.18 3762071.55 0.01417 (16122624) 493696.46
3761742.53 0.02911 (12022724)
493707.35 3761768.92 0.02570 (12022724) 493727.98
3761742.80 0.02487 (12022724)
493755.61 3761733.69 0.02207 (12022724) 493750.48
3761720.58 0.02336 (13112024)
493745.92 3761709.48 0.02474 (13112024) 493741.37
3761696.95 0.02638 (13112024)
493738.52 3761681.00 0.02827 (13112024) 493737.38
3761663.91 0.03010 (13112024)
493736.52 3761651.38 0.03159 (13112024) 494418.08
3761416.13 0.01230 (15012024)
494473.73 3761368.11 0.01218 (15012024) 494939.85
3761394.35 0.00971 (15012024)
494686.37 3761403.42 0.01076 (15012024) 494575.98
3761568.60 0.01043 (15012024)
494541.49 3761602.79 0.01037 (15012024) 494822.53
3761435.24 0.01000 (15012024)
494846.18 3761504.63 0.00962 (15012024) 494841.06
3761535.78 0.00950 (15012024)
494837.90 3761553.12 0.00944 (15012024) 494885.61
3761199.09 0.01054 (15012024)
494976.68 3761325.65 0.00979 (15012024) 494985.35
3761366.25 0.00963 (15012024)
495070.90 3761299.23 0.00955 (15012024) 495115.47
3760632.60 0.01062 (16122224)
495069.03 3760685.30 0.01082 (16122224) 495087.55
3760728.31 0.01064 (16122224)
495079.90 3760834.52 0.01061 (14013024) 495202.38
3760883.65 0.01007 (14013024)
495237.63 3760939.31 0.00977 (16121524) 495298.45
3761048.56 0.00938 (16121524)
490844.43 3759375.83 0.00562 (14120324) 490895.79
3759357.70 0.00592 (14120324)
490596.67 3759246.67 0.00570 (14121524) 489103.59
3759859.22 0.00698 (13112924)
488940.48 3759893.26 0.00758 (12121324) 488472.34
3759865.64 0.00749 (13012524)
488432.53 3759884.27 0.00775 (13012524) 488713.15
3759827.76 0.00751 (12121324)
487562.29 3760285.62 0.01263 (13012524) 487809.35
3760420.86 0.01329 (13012524)
487553.10 3761208.24 0.00882 (15122224) 487899.76
3760972.40 0.01114 (13012524)
487983.18 3762301.23 0.01359m (13123124) 487913.66
3762403.25 0.01314m (13123124)
487890.59 3762238.09 0.01310m (13123124) 488190.14
3762513.88 0.01300m (13123124)
488424.39 3762586.51 0.01224 (13111224) 488657.54
3762495.87 0.01484 (14120324)
488908.17 3762583.23 0.02204 (16010624) 489170.26
3762660.77 0.03159 (16010524)
489382.17 3762809.64 0.02884 (16122324) 489294.91
3762783.65 0.02792 (16010524)
489889.72 3762661.22 0.03680 (12022724) 490022.93
3762783.29 0.02167 (16122224)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.01192	(12022724)	491132.33	3762903.51	0.01213	(16122324)
492890.84	3762203.51	0.05028	(12022724)	492961.55	3762258.51	0.03089	(12022724)
493033.99	3762272.60	0.02491	(12022724)	493032.31	3762205.18	0.02987	(12022724)
493087.32	3762215.25	0.02414	(12022724)	493079.94	3762296.41	0.02216	(12022724)
493163.79	3762367.18	0.01732	(12022724)	493068.87	3762510.05	0.01124	(14012424)
493101.07	3762454.71	0.01391	(12022724)	493281.84	3762369.19	0.01273	(12022724)
493351.51	3762095.42	0.01652	(16112824)	493439.48	3762105.84	0.01507	(16122124)
493972.90	3763044.23	0.00750	(14012424)	493957.03	3763184.09	0.00734	(14012424)
493583.55	3763480.45	0.00691	(14012424)	493258.47	3763568.15	0.00646	(14012424)
492895.78	3763485.72	0.00596	(14012424)	493781.01	3761659.05	0.02419	(13112024)
493797.63	3761658.35	0.02247	(13112024)	493831.94	3761631.47	0.02018	(13112024)
493900.20	3761664.01	0.01561	(16112824)	493918.59	3761666.13	0.01505	(16112824)
493929.55	3761662.24	0.01496	(16112824)	493945.82	3761667.90	0.01431	(16112824)
493758.37	3761524.30	0.04077	(12042324)	493961.03	3761672.85	0.01379	(16112824)
493975.18	3761679.57	0.01332	(16112824)	493987.55	3761687.70	0.01293	(16030224)
493998.87	3761697.25	0.01263	(16030224)	494007.71	3761707.51	0.01233	(16030224)
494016.91	3761718.12	0.01207	(13111224)	494024.69	3761730.85	0.01197	(13111224)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5   IN
MICROGRAMS/M**3   **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.05028	ON 12022724: AT (492890.84, 3762203.51, 695.84, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   2 Warning Message(s)
A Total of   388 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   1211   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   1211   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Cons CO\15218
Ph5 Cons CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Cons CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL236       VOLUME     490631.865  3762017.220      668.870
   LOCATION VOL275       VOLUME     490713.350  3762364.114      650.330
   LOCATION VOL276       VOLUME     490624.549  3762230.914      650.900
   LOCATION VOL277       VOLUME     490759.600  3762230.914      672.270
   LOCATION VOL278       VOLUME     490491.349  3762160.613      649.370
   LOCATION VOL279       VOLUME     490622.699  3762097.713      672.320
   LOCATION VOL280       VOLUME     490757.750  3762095.863      659.070
   LOCATION VOL281       VOLUME     490889.100  3762097.713      651.850
   LOCATION VOL282       VOLUME     490491.349  3762027.413      667.150
   LOCATION VOL283       VOLUME     490764.536  3762011.432      650.000
   LOCATION VOL284       VOLUME     490900.249  3761957.659      662.000
   LOCATION VOL285       VOLUME     490854.158  3761893.644      668.070
   LOCATION VOL286       VOLUME     491030.840  3761955.098      665.330
   LOCATION VOL287       VOLUME     490987.310  3761868.038      657.040
   LOCATION VOL288       VOLUME     491161.431  3761898.765      667.260
   LOCATION VOL289       VOLUME     491292.023  3761916.689      663.600
   LOCATION VOL290       VOLUME     491020.598  3761732.325      671.440
   LOCATION VOL291       VOLUME     490994.991  3761632.461      670.660
   LOCATION VOL292       VOLUME     491125.583  3761627.340      671.400
   LOCATION VOL293       VOLUME     491120.462  3761824.507      668.400
   LOCATION VOL294       VOLUME     491153.750  3761760.492      670.050
   LOCATION VOL295       VOLUME     491256.174  3761624.779      681.760
   LOCATION VOL296       VOLUME     491284.341  3761757.931      675.940
   LOCATION VOL297       VOLUME     491348.356  3761514.673      659.870
   LOCATION VOL298       VOLUME     491484.069  3761550.521      656.410
   LOCATION VOL299       VOLUME     491617.221  3761627.340      651.700
   LOCATION VOL300       VOLUME     490362.520  3762072.887      667.920
   LOCATION VOL301       VOLUME     490359.959  3761990.947      671.000
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   LOCATION VOL302       VOLUME     490231.928  3761983.265      671.200
   LOCATION VOL303       VOLUME     490229.368  3761875.719      672.750
   LOCATION VOL304       VOLUME     490203.762  3761760.492      674.310
   LOCATION VOL305       VOLUME     490109.019  3761801.462      671.630
   LOCATION VOL306       VOLUME     490132.064  3761916.689      669.570
   LOCATION VOL307       VOLUME     490321.550  3761604.294      679.580
   LOCATION VOL308       VOLUME     490452.141  3761606.855      678.140
   LOCATION VOL309       VOLUME     492633.785  3761896.204      692.130
   LOCATION VOL310       VOLUME     492533.921  3761806.583      685.900
   LOCATION VOL311       VOLUME     492544.163  3761729.764      689.590
   LOCATION VOL312       VOLUME     492633.785  3761755.371      694.170
   LOCATION VOL313       VOLUME     492708.042  3761891.083      694.700
** Source Parameters **
   SRCPARAM VOL236       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL275       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL276       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL277       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL278       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL279       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL280       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL281       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL282       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL283       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL284       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL285       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL286       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL287       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL288       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL289       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL290       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL291       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL292       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL293       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL294       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL295       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL296       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL297       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL298       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL299       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL300       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL301       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL302       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL303       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL304       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL305       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL306       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL307       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL308       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL309       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL310       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL311       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL312       0.0387837226     5.000    31.816     1.400
   SRCPARAM VOL313       0.0387837226     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL275       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL276       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL277       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL278       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL279       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL280       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL281       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL282       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL283       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL284       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL285       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL286       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL287       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL288       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL289       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL290       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL291       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL292       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL293       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL294       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL295       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL296       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL297       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL298       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL299       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL300       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL301       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL302       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL303       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL304       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL305       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL306       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL307       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL308       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL309       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL310       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL311       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL312       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL313       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
```

```
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Cons CO.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH5 CONS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH5 CONS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph5 Cons CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     746       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     746       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:03:47

                      PAGE   1
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```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for    40 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: CO

**Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

**This Run Includes:     40 Source(s);       1 Source Group(s); and     114 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:     40 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing
                                                                Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate
                 Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.6 MB of RAM.

**Input Runstream File:
aermod.inp
```

**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph5 Cons
CO.err
**File for Summary of Results: 15218 Ph5 Cons
CO.sum
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 11:03:47

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL236	0	0.38784E-01	490631.9	3762017.2	668.9	5.00	31.82	1.40	YES HRDOW
VOL275	0	0.38784E-01	490713.3	3762364.1	650.3	5.00	31.82	1.40	YES HRDOW
VOL276	0	0.38784E-01	490624.5	3762230.9	650.9	5.00	31.82	1.40	YES HRDOW
VOL277	0	0.38784E-01	490759.6	3762230.9	672.3	5.00	31.82	1.40	YES HRDOW
VOL278	0	0.38784E-01	490491.3	3762160.6	649.4	5.00	31.82	1.40	YES HRDOW
VOL279	0	0.38784E-01	490622.7	3762097.7	672.3	5.00	31.82	1.40	YES HRDOW
VOL280	0	0.38784E-01	490757.8	3762095.9	659.1	5.00	31.82	1.40	YES HRDOW
VOL281	0	0.38784E-01	490889.1	3762097.7	651.8	5.00	31.82	1.40	YES HRDOW
VOL282	0	0.38784E-01	490491.3	3762027.4	667.1	5.00	31.82	1.40	YES HRDOW
VOL283	0	0.38784E-01	490764.5	3762011.4	650.0	5.00	31.82	1.40	YES HRDOW
VOL284	0	0.38784E-01	490900.2	3761957.7	662.0	5.00	31.82	1.40	YES HRDOW
VOL285	0	0.38784E-01	490854.2	3761893.6	668.1	5.00	31.82	1.40	YES HRDOW
VOL286	0	0.38784E-01	491030.8	3761955.1	665.3	5.00	31.82	1.40	YES HRDOW
VOL287	0	0.38784E-01	490987.3	3761868.0	657.0	5.00	31.82	1.40	YES HRDOW
VOL288	0	0.38784E-01	491161.4	3761898.8	667.3	5.00	31.82	1.40	YES HRDOW
VOL289	0	0.38784E-01	491292.0	3761916.7	663.6	5.00	31.82	1.40	YES HRDOW
VOL290	0	0.38784E-01	491020.6	3761732.3	671.4	5.00	31.82	1.40	YES HRDOW
VOL291	0	0.38784E-01	490995.0	3761632.5	670.7	5.00	31.82	1.40	YES HRDOW
VOL292	0	0.38784E-01	491125.6	3761627.3	671.4	5.00	31.82	1.40	YES HRDOW
VOL293	0	0.38784E-01	491120.5	3761824.5	668.4	5.00	31.82	1.40	

```
 YES   HRDOW            NO
 VOL294          0   0.38784E-01  491153.8 3761760.5   670.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL295          0   0.38784E-01  491256.2 3761624.8   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL296          0   0.38784E-01  491284.3 3761757.9   675.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL297          0   0.38784E-01  491348.4 3761514.7   659.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL298          0   0.38784E-01  491484.1 3761550.5   656.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL299          0   0.38784E-01  491617.2 3761627.3   651.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL300          0   0.38784E-01  490362.5 3762072.9   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL301          0   0.38784E-01  490360.0 3761990.9   671.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL302          0   0.38784E-01  490231.9 3761983.3   671.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL303          0   0.38784E-01  490229.4 3761875.7   672.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL304          0   0.38784E-01  490203.8 3761760.5   674.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL305          0   0.38784E-01  490109.0 3761801.5   671.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL306          0   0.38784E-01  490132.1 3761916.7   669.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL307          0   0.38784E-01  490321.5 3761604.3   679.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL308          0   0.38784E-01  490452.1 3761606.9   678.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL309          0   0.38784E-01  492633.8 3761896.2   692.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL310          0   0.38784E-01  492533.9 3761806.6   685.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL311          0   0.38784E-01  492544.2 3761729.8   689.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL312          0   0.38784E-01  492633.8 3761755.4   694.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL313          0   0.38784E-01  492708.0 3761891.1   694.7     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       11:03:47

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL236      , VOL275      , VOL276      , VOL277      , VOL278      , VOL279      ,
  VOL280      , VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL236 , VOL275 , VOL276 , VOL277 , VOL278 , VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 , VOL285 , VOL286 , VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 , VOL293 , VOL294 , VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 , VOL301 , VOL302 , VOL303 , VOL304 , VOL305 , VOL306 , VOL307 , VOL308 , VOL309 , VOL310 , VOL311 , VOL312 , VOL313 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL275 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL276 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL277 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL278 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL279 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SOURCE ID = VOL280 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL282 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL283 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL284 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL285 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL286 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL287 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL289 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL290 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL291 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL292 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL293 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL294 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL295 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL296 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL297 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL298   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL300 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL302 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL303 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL304 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL305 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL306 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL307 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL308 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL309 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL310 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:03:47

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL311       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:03:47

                     PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL312       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       11:03:47

                      PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL313       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       11:03:47
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);

(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS
 WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
 12 01 01   1 01  -10.6  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 110.    9.1  285.4    5.5
 12 01 01   1 02   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 130.    9.1  284.5    5.5
 12 01 01   1 03   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 100.    9.1  285.0    5.5
 12 01 01   1 04   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 107.    9.1  284.6    5.5
 12 01 01   1 05  -10.7  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 98.    9.1  284.9    5.5
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:03:47

                     PAGE  49
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	2.19784	(13010916)	493409.97	3761986.39	2.17275	(13010916)
493417.46	3761972.99	2.15435	(13010916)	493468.31	3761958.40	1.98222	(13010916)
493499.84	3761947.37	1.87145	(13010916)	493614.36	3761892.81	1.70217	(15121016)
493613.66	3761905.05	1.63182	(15121016)	493614.36	3761917.12	1.61683	(16101209)
493614.36	3761927.44	1.61982	(16101209)	493613.31	3761940.20	1.62213	(16101209)
493616.46	3761952.10	1.61838	(16101209)	493615.23	3761961.71	1.62873	(13010916)
493614.53	3761973.78	1.65235	(13010916)	493614.01	3761984.98	1.66908	(13010916)
493613.66	3761996.52	1.68109	(13010916)	493614.18	3762007.36	1.68625	(13010916)
493615.76	3762018.56	1.68532	(13010916)	493614.71	3762025.73	1.68587	(13010916)
493614.36	3762035.00	1.68219	(13010916)	493613.13	3762043.74	1.67741	(13010916)
493613.66	3762052.14	1.66794	(13010916)	493613.83	3762061.58	1.65548	(13010916)
493614.18	3762071.55	1.63953	(13010916)	493696.46	3761742.53	1.95226	(15121016)
493707.35	3761768.92	1.92824	(15121016)	493727.98	3761742.80	1.90545	(15121016)
493755.61	3761733.69	1.86148	(15121016)	493750.48	3761720.58	1.85564	(15121016)
493745.92	3761709.48	1.84567	(15121016)	493741.37	3761696.95	1.82811	(15121016)
493738.52	3761681.00	1.79471	(15121016)	493737.38	3761663.91	1.74885	(15121016)
493736.52	3761651.38	1.70941	(15121016)	494418.08	3761416.13	1.29312	(16121514)
494473.73	3761368.11	1.40029	(12121716)	494939.85	3761394.35	1.14223	(16121514)
494686.37	3761403.42	1.21524	(16121514)	494575.98	3761568.60	1.14433	(16121514)
494541.49	3761602.79	1.12366	(16121514)	494822.53	3761435.24	1.15919	(16121514)
494846.18	3761504.63	1.10665	(16121514)	494841.06	3761535.78	1.08372	(16121514)
494837.90	3761553.12	1.07002	(16121514)	494885.61	3761199.09	1.36924	(12121716)

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       494976.68   3761325.65        1.15817  (16121514)               494985.35
       3761366.25        1.14241  (16121514)
       495070.90   3761299.23        1.13715  (16121514)               495115.47
       3760632.60        2.31845  (12121716)
       495069.03   3760685.30        2.32865  (12121716)               495087.55
       3760728.31        2.28832  (12121716)
       495079.90   3760834.52        2.13711  (12121716)               495202.38
       3760883.65        1.91370  (12121716)
       495237.63   3760939.31        1.72321  (12121716)               495298.45
       3761048.56        1.31752  (12121716)
       490844.43   3759375.83        0.91293  (14021809)               490895.79
       3759357.70        0.92027  (14021809)
       490596.67   3759246.67        1.19228  (13112916)               489103.59
       3759859.22        1.74269  (12021516)
       488940.48   3759893.26        1.82920  (12021516)               488472.34
       3759865.64        1.32911  (12021516)
       488432.53   3759884.27        1.22779  (12021516)               488713.15
       3759827.76        1.69598  (12021516)
       487562.29   3760285.62        0.75817  (15122215)               487809.35
       3760420.86        0.79747  (15122215)
       487553.10   3761208.24        0.90234  (15122213)               487899.76
       3760972.40        0.94714  (14120216)
       487983.18   3762301.23        2.04281  (16123016)               487913.66
       3762403.25        1.91214  (16123016)
       487890.59   3762238.09        1.94767  (16123016)               488190.14
       3762513.88        1.76470  (16123016)
       488424.39   3762586.51        1.51383  (16123016)               488657.54
       3762495.87        1.94143  (16123016)
       488908.17   3762583.23        2.33367  (14120316)               489170.26
       3762660.77        3.29947  (14120316)
       489382.17   3762809.64        3.60249  (14120316)               489294.91
       3762783.65        3.52375  (14120316)
       489889.72   3762661.22        5.25748  (14120316)               490022.93
       3762783.29        3.73605  (14120316)
       490423.96   3762839.25        3.52872  (16011116)               490375.94
       3762870.37        3.36450  (16011116)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:03:47

                     PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL236      , VOL275      ,
                                  VOL276      , VOL277      , VOL278      ,
                   VOL279      , VOL280      , VOL281      , VOL282      , VOL283      ,
                   VOL284      , VOL285      , VOL286      ,
                   VOL287      , VOL288      , VOL289      , VOL290      , VOL291      ,
                   VOL292      , VOL293      , VOL294      ,
                   VOL295      , VOL296      , VOL297      , VOL298      , VOL299      ,
                   VOL300      , VOL301      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF CO       IN
                                        MICROGRAMS/M**3                         **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       491453.08   3762845.48        5.70110  (12022716)               491132.33
       3762903.51        6.50491  (12022716)
```

492890.84	3762203.51	9.31240	(12022716)	492961.55	
3762258.51	7.39863	(12022716)			
493033.99	3762272.60	6.40307	(12022716)	493032.31	
3762205.18	6.23352	(12022716)			
493087.32	3762215.25	4.42260	(12022716)	493079.94	
3762296.41	5.35259	(12022716)			
493163.79	3762367.18	3.77193	(12022716)	493068.87	
3762510.05	3.22216	(12022716)			
493101.07	3762454.71	4.04374	(12022716)	493281.84	
3762369.19	2.15295	(12022716)			
493351.51	3762095.42	2.24032	(16112816)	493439.48	
3762105.84	1.97513	(16112816)			
493972.90	3763044.23	1.61399	(16112816)	493957.03	
3763184.09	1.57565	(16112816)			
493583.55	3763480.45	1.04021	(16112816)	493258.47	
3763568.15	0.88876	(13050709)			
492895.78	3763485.72	1.27644	(12022716)	493781.01	
3761659.05	1.69373	(15121016)			
493797.63	3761658.35	1.67461	(15121016)	493831.94	
3761631.47	1.55995	(15121016)			
493900.20	3761664.01	1.58490	(15121016)	493918.59	
3761666.13	1.56976	(15121016)			
493929.55	3761662.24	1.54929	(15121016)	493945.82	
3761667.90	1.54722	(15121016)			
493758.37	3761524.30	2.45342	(12121716)	493961.03	
3761672.85	1.54233	(15121016)			
493975.18	3761679.57	1.53735	(15121016)	493987.55	
3761687.70	1.53645	(15121016)			
493998.87	3761697.25	1.53464	(15121016)	494007.71	
3761707.51	1.53528	(15121016)			
494016.91	3761718.12	1.53380	(15121016)	494024.69	
3761730.85	1.52499	(15121016)			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.77597	(16011516)	493409.97			
3761986.39	0.81443	(16011516)					
493417.46	3761972.99	0.82621	(16011516)	493468.31			
3761958.40	0.79863	(16011516)					
493499.84	3761947.37	0.78264	(16011516)	493614.36			
3761892.81	0.72128	(16011516)					

493613.66 3761905.05 0.71944 (16011516) 493614.36
3761917.12 0.71561 (16011516)
493614.36 3761927.44 0.71195 (16011516) 493613.31
3761940.20 0.70716 (16011516)
493616.46 3761952.10 0.69921 (16011516) 493615.23
3761961.71 0.69448 (16011516)
493614.53 3761973.78 0.68727 (16011516) 493614.01
3761984.98 0.67975 (16011516)
493613.66 3761996.52 0.67137 (16011516) 493614.18
3762007.36 0.66253 (16011516)
493615.76 3762018.56 0.65242 (16011516) 493614.71
3762025.73 0.64659 (16011516)
493614.36 3762035.00 0.63835 (16011516) 493613.13
3762043.74 0.63070 (16011516)
493613.66 3762052.14 0.62245 (16011516) 493613.83
3762061.58 0.61318 (16011516)
493614.18 3762071.55 0.60319 (16011516) 493696.46
3761742.53 0.62099 (16011516)
493707.35 3761768.92 0.63165 (16011516) 493727.98
3761742.80 0.60434 (16011516)
493755.61 3761733.69 0.58496 (16011516) 493750.48
3761720.58 0.57927 (16011516)
493745.92 3761709.48 0.57416 (16011516) 493741.37
3761696.95 0.56770 (16011516)
493738.52 3761681.00 0.55913 (12042316) 493737.38
3761663.91 0.56232 (12042316)
493736.52 3761651.38 0.56438 (12042316) 494418.08
3761416.13 0.41821 (16121516)
494473.73 3761368.11 0.42090 (16121516) 494939.85
3761394.35 0.34856 (16121516)
494686.37 3761403.42 0.38016 (16121516) 494575.98
3761568.60 0.35041 (12042316)
494541.49 3761602.79 0.35396 (12042316) 494822.53
3761435.24 0.35293 (16121516)
494846.18 3761504.63 0.33046 (16121516) 494841.06
3761535.78 0.32208 (16121516)
494837.90 3761553.12 0.31960 (12042316) 494885.61
3761199.09 0.39493 (16121516)
494976.68 3761325.65 0.36042 (16121516) 494985.35
3761366.25 0.34990 (16121516)
495070.90 3761299.23 0.35458 (16121516) 495115.47
3760632.60 0.43843 (12121716)
495069.03 3760685.30 0.44214 (12121716) 495087.55
3760728.31 0.43721 (12121716)
495079.90 3760834.52 0.41872 (12121716) 495202.38
3760883.65 0.38529 (12121716)
495237.63 3760939.31 0.38162 (16121516) 495298.45
3761048.56 0.36952 (16121516)
490844.43 3759375.83 0.30794 (13112916) 490895.79
3759357.70 0.30548 (14012416)
490596.67 3759246.67 0.34170 (13112916) 489103.59
3759859.22 0.38782 (13012516)
488940.48 3759893.26 0.40823 (13012516) 488472.34
3759865.64 0.42547 (13012516)
488432.53 3759884.27 0.42845 (13012516) 488713.15
3759827.76 0.40998 (13012516)
487562.29 3760285.62 0.32852 (13012516) 487809.35
3760420.86 0.35226 (13012516)
487553.10 3761208.24 0.35162 (15122216) 487899.76
3760972.40 0.40073 (15122216)
487983.18 3762301.23 0.47214 (16123016) 487913.66
3762403.25 0.45817 (16123016)
487890.59 3762238.09 0.44607 (16123016) 488190.14
3762513.88 0.46622 (16123016)
488424.39 3762586.51 0.45171 (16123016) 488657.54
3762495.87 0.53246 (16123016)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.93414	(12022716)	491132.33	3762903.51	1.20743	(12022716)
492890.84	3762203.51	1.33584	(12022716)	492961.55	3762258.51	1.00959	(12022716)
493033.99	3762272.60	0.83867	(12022716)	493032.31	3762205.18	0.81609	(12022716)
493087.32	3762215.25	0.65848	(15013016)	493079.94	3762296.41	0.69721	(12022716)
493163.79	3762367.18	0.51955	(15013016)	493068.87	3762510.05	0.51420	(14012416)
493101.07	3762454.71	0.53695	(12022716)	493281.84	3762369.19	0.50027	(15013016)
493351.51	3762095.42	0.67383	(15013016)	493439.48	3762105.84	0.61902	(15013016)
493972.90	3763044.23	0.33187	(14012416)	493957.03	3763184.09	0.32286	(14012416)
493583.55	3763480.45	0.32142	(14012416)	493258.47	3763568.15	0.33148	(14012416)
492895.78	3763485.72	0.36744	(14012416)	493781.01	3761659.05	0.53937	(12042316)
493797.63	3761658.35	0.53178	(12042316)	493831.94	3761631.47	0.51954	(12042316)
493900.20	3761664.01	0.49022	(12042316)	493918.59	3761666.13	0.48459	(16011516)
493929.55	3761662.24	0.48107	(12042316)	493945.82	3761667.90	0.47783	(16011516)
493758.37	3761524.30	0.54322	(12042316)	493961.03	3761672.85	0.47606	(16011516)
493975.18	3761679.57	0.47596	(16011516)	493987.55	3761687.70	0.47653	(16011516)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	9.31240	ON 12022716: AT (492890.84, 3762203.51, 695.84, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	1.67755	ON 16010516: AT (489889.72, 3762661.22, 633.96, 683.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   2 Warning Message(s)
A Total of   388 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   746   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   746   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

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** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Cons NOX\15218
Ph5 Cons NOX.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Cons NOX.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL236       VOLUME     490631.865  3762017.220      668.870
   LOCATION VOL275       VOLUME     490713.350  3762364.114      650.330
   LOCATION VOL276       VOLUME     490624.549  3762230.914      650.900
   LOCATION VOL277       VOLUME     490759.600  3762230.914      672.270
   LOCATION VOL278       VOLUME     490491.349  3762160.613      649.370
   LOCATION VOL279       VOLUME     490622.699  3762097.713      672.320
   LOCATION VOL280       VOLUME     490757.750  3762095.863      659.070
   LOCATION VOL281       VOLUME     490889.100  3762097.713      651.850
   LOCATION VOL282       VOLUME     490491.349  3762027.413      667.150
   LOCATION VOL283       VOLUME     490764.536  3762011.432      650.000
   LOCATION VOL284       VOLUME     490900.249  3761957.659      662.000
   LOCATION VOL285       VOLUME     490854.158  3761893.644      668.070
   LOCATION VOL286       VOLUME     491030.840  3761955.098      665.330
   LOCATION VOL287       VOLUME     490987.310  3761868.038      657.040
   LOCATION VOL288       VOLUME     491161.431  3761898.765      667.260
   LOCATION VOL289       VOLUME     491292.023  3761916.689      663.600
   LOCATION VOL290       VOLUME     491020.598  3761732.325      671.440
   LOCATION VOL291       VOLUME     490994.991  3761632.461      670.660
   LOCATION VOL292       VOLUME     491125.583  3761627.340      671.400
   LOCATION VOL293       VOLUME     491120.462  3761824.507      668.400
   LOCATION VOL294       VOLUME     491153.750  3761760.492      670.050
   LOCATION VOL295       VOLUME     491256.174  3761624.779      681.760
   LOCATION VOL296       VOLUME     491284.341  3761757.931      675.940
   LOCATION VOL297       VOLUME     491348.356  3761514.673      659.870
   LOCATION VOL298       VOLUME     491484.069  3761550.521      656.410
   LOCATION VOL299       VOLUME     491617.221  3761627.340      651.700
   LOCATION VOL300       VOLUME     490362.520  3762072.887      667.920
   LOCATION VOL301       VOLUME     490359.959  3761990.947      671.000
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   LOCATION VOL302       VOLUME     490231.928  3761983.265      671.200
   LOCATION VOL303       VOLUME     490229.368  3761875.719      672.750
   LOCATION VOL304       VOLUME     490203.762  3761760.492      674.310
   LOCATION VOL305       VOLUME     490109.019  3761801.462      671.630
   LOCATION VOL306       VOLUME     490132.064  3761916.689      669.570
   LOCATION VOL307       VOLUME     490321.550  3761604.294      679.580
   LOCATION VOL308       VOLUME     490452.141  3761606.855      678.140
   LOCATION VOL309       VOLUME     492633.785  3761896.204      692.130
   LOCATION VOL310       VOLUME     492533.921  3761806.583      685.900
   LOCATION VOL311       VOLUME     492544.163  3761729.764      689.590
   LOCATION VOL312       VOLUME     492633.785  3761755.371      694.170
   LOCATION VOL313       VOLUME     492708.042  3761891.083      694.700
** Source Parameters **
   SRCPARAM VOL236       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL275       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL276       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL277       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL278       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL279       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL280       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL281       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL282       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL283       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL284       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL285       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL286       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL287       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL288       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL289       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL290       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL291       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL292       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL293       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL294       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL295       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL296       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL297       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL298       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL299       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL300       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL301       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL302       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL303       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL304       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL305       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL306       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL307       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL308       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL309       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL310       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL311       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL312       0.0211440193     5.000    31.816     1.400
   SRCPARAM VOL313       0.0211440193     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL275       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL276       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL277       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL278       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL279       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL280       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL281       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL282       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL283       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL284       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL285       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL286       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL287       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL288       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL289       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL290       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL291       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL292       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL293       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL294       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL295       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL296       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL297       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL298       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL299       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL300       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL301       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL302       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL303       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL304       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL305       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
```

```
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL306       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL307       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL308       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL309       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL310       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL311       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL312       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL313       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
```

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**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Cons NOX.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH5 CONS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph5 Cons NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     746       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     746       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:31:22

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

***   MODEL SETUP OPTIONS SUMMARY   ***

- - - -

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL236	0	0.21144E-01	490631.9	3762017.2	668.9	5.00	31.82	1.40	YES HRDOW
VOL275	0	0.21144E-01	490713.3	3762364.1	650.3	5.00	31.82	1.40	YES HRDOW
VOL276	0	0.21144E-01	490624.5	3762230.9	650.9	5.00	31.82	1.40	YES HRDOW
VOL277	0	0.21144E-01	490759.6	3762230.9	672.3	5.00	31.82	1.40	YES HRDOW
VOL278	0	0.21144E-01	490491.3	3762160.6	649.4	5.00	31.82	1.40	YES HRDOW
VOL279	0	0.21144E-01	490622.7	3762097.7	672.3	5.00	31.82	1.40	YES HRDOW
VOL280	0	0.21144E-01	490757.8	3762095.9	659.1	5.00	31.82	1.40	YES HRDOW
VOL281	0	0.21144E-01	490889.1	3762097.7	651.8	5.00	31.82	1.40	YES HRDOW
VOL282	0	0.21144E-01	490491.3	3762027.4	667.1	5.00	31.82	1.40	YES HRDOW
VOL283	0	0.21144E-01	490764.5	3762011.4	650.0	5.00	31.82	1.40	YES HRDOW
VOL284	0	0.21144E-01	490900.2	3761957.7	662.0	5.00	31.82	1.40	YES HRDOW
VOL285	0	0.21144E-01	490854.2	3761893.6	668.1	5.00	31.82	1.40	YES HRDOW
VOL286	0	0.21144E-01	491030.8	3761955.1	665.3	5.00	31.82	1.40	YES HRDOW
VOL287	0	0.21144E-01	490987.3	3761868.0	657.0	5.00	31.82	1.40	YES HRDOW
VOL288	0	0.21144E-01	491161.4	3761898.8	667.3	5.00	31.82	1.40	YES HRDOW
VOL289	0	0.21144E-01	491292.0	3761916.7	663.6	5.00	31.82	1.40	YES HRDOW
VOL290	0	0.21144E-01	491020.6	3761732.3	671.4	5.00	31.82	1.40	YES HRDOW
VOL291	0	0.21144E-01	490995.0	3761632.5	670.7	5.00	31.82	1.40	YES HRDOW
VOL292	0	0.21144E-01	491125.6	3761627.3	671.4	5.00	31.82	1.40	YES HRDOW
VOL293	0	0.21144E-01	491120.5	3761824.5	668.4	5.00	31.82	1.40	YES HRDOW
VOL294	0	0.21144E-01	491153.8	3761760.5	670.0	5.00	31.82	1.40	

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 YES   HRDOW            NO
 VOL295          0   0.21144E-01  491256.2 3761624.8   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL296          0   0.21144E-01  491284.3 3761757.9   675.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL297          0   0.21144E-01  491348.4 3761514.7   659.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL298          0   0.21144E-01  491484.1 3761550.5   656.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL299          0   0.21144E-01  491617.2 3761627.3   651.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL300          0   0.21144E-01  490362.5 3762072.9   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL301          0   0.21144E-01  490360.0 3761990.9   671.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL302          0   0.21144E-01  490231.9 3761983.3   671.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL303          0   0.21144E-01  490229.4 3761875.7   672.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL304          0   0.21144E-01  490203.8 3761760.5   674.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL305          0   0.21144E-01  490109.0 3761801.5   671.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL306          0   0.21144E-01  490132.1 3761916.7   669.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL307          0   0.21144E-01  490321.5 3761604.3   679.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL308          0   0.21144E-01  490452.1 3761606.9   678.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL309          0   0.21144E-01  492633.8 3761896.2   692.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL310          0   0.21144E-01  492533.9 3761806.6   685.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL311          0   0.21144E-01  492544.2 3761729.8   689.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL312          0   0.21144E-01  492633.8 3761755.4   694.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL313          0   0.21144E-01  492708.0 3761891.1   694.7     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:31:22

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL236      , VOL275      , VOL276      , VOL277      , VOL278      , VOL279      ,
  VOL280      , VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,
```

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL236 , VOL275 , VOL276 , VOL277 , VOL278 , VOL279 , VOL280 , VOL281 ,
		VOL282 , VOL283 , VOL284 , VOL285 , VOL286 , VOL287 , VOL288 , VOL289 ,
		VOL290 , VOL291 , VOL292 , VOL293 , VOL294 , VOL295 , VOL296 , VOL297 ,
		VOL298 , VOL299 , VOL300 , VOL301 , VOL302 , VOL303 , VOL304 , VOL305 ,
		VOL306 , VOL307 , VOL308 , VOL309 , VOL310 , VOL311 , VOL312 , VOL313 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL275 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL276 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL277 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL278 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL279 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL280 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL281 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL282   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL284 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL286 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL288 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL289 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL290 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL291 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL292 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:31:22

                     PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL293       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:31:22

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL294       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL295 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL296 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       11:31:22

                      PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL297       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       11:31:22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL298 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 11:31:22

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL299 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:31:22

                      PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL300       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:31:22

                      PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL301       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL302 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL304 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

(HRDOW) *

SOURCE ID = VOL305 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL307 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL308 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL309 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL310 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL311 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL312 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4,
713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4,
714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8,
711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1,
712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2,
714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7,
715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0,
716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4,
716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7,
716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7,
716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6,
716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5,
707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8,
710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6,
712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);

(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data
YR MO DY JDY HR H0 U* W* DT/DZ ZICNV ZIMCH M-O LEN Z0 BOWEN ALBEDO REF WS WD HT REF TA HT

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- - - -
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	1.19821	(13010916)	493409.97	3761986.39	1.18454	(13010916)
493417.46	3761972.99	1.17450	(13010916)	493468.31	3761958.40	1.08066	(13010916)
493499.84	3761947.37	1.02027	(13010916)	493614.36	3761892.81	0.92799	(15121016)
493613.66	3761905.05	0.88963	(15121016)	493614.36	3761917.12	0.88146	(16101209)
493614.36	3761927.44	0.88309	(16101209)	493613.31	3761940.20	0.88435	(16101209)
493616.46	3761952.10	0.88230	(16101209)	493615.23	3761961.71	0.88795	(13010916)
493614.53	3761973.78	0.90083	(13010916)	493614.01	3761984.98	0.90994	(13010916)
493613.66	3761996.52	0.91649	(13010916)	493614.18	3762007.36	0.91931	(13010916)
493615.76	3762018.56	0.91880	(13010916)	493614.71	3762025.73	0.91910	(13010916)
493614.36	3762035.00	0.91709	(13010916)	493613.13	3762043.74	0.91449	(13010916)
493613.66	3762052.14	0.90932	(13010916)	493613.83	3762061.58	0.90253	(13010916)
493614.18	3762071.55	0.89383	(13010916)	493696.46	3761742.53	1.06433	(15121016)
493707.35	3761768.92	1.05123	(15121016)	493727.98	3761742.80	1.03881	(15121016)
493755.61	3761733.69	1.01484	(15121016)	493750.48	3761720.58	1.01165	(15121016)
493745.92	3761709.48	1.00622	(15121016)	493741.37	3761696.95	0.99664	(15121016)
493738.52	3761681.00	0.97844	(15121016)	493737.38	3761663.91	0.95343	(15121016)
493736.52	3761651.38	0.93193	(15121016)	494418.08	3761416.13	0.70498	(16121514)
494473.73	3761368.11	0.76341	(12121716)	494939.85	3761394.35	0.62272	(16121514)
494686.37	3761403.42	0.66252	(16121514)	494575.98	3761568.60	0.62387	(16121514)
494541.49	3761602.79	0.61259	(16121514)	494822.53	3761435.24	0.63196	(16121514)
494846.18	3761504.63	0.60332	(16121514)	494841.06	3761535.78	0.59082	(16121514)
494837.90	3761553.12	0.58335	(16121514)	494885.61	3761199.09	0.74648	(12121716)
494976.68	3761325.65	0.63141	(16121514)	494985.35	3761366.25	0.62282	(16121514)

495070.90	3761299.23	0.61995	(16121514)	495115.47	
3760632.60	1.26397	(12121716)			
495069.03	3760685.30	1.26953	(12121716)	495087.55	
3760728.31	1.24754	(12121716)			
495079.90	3760834.52	1.16510	(12121716)	495202.38	
3760883.65	1.04331	(12121716)			
495237.63	3760939.31	0.93946	(12121716)	495298.45	
3761048.56	0.71828	(12121716)			
490844.43	3759375.83	0.49771	(14021809)	490895.79	
3759357.70	0.50171	(14021809)			
490596.67	3759246.67	0.65000	(13112916)	489103.59	
3759859.22	0.95008	(12021516)			
488940.48	3759893.26	0.99724	(12021516)	488472.34	
3759865.64	0.72460	(12021516)			
488432.53	3759884.27	0.66936	(12021516)	488713.15	
3759827.76	0.92461	(12021516)			
487562.29	3760285.62	0.41334	(15122215)	487809.35	
3760420.86	0.43476	(15122215)			
487553.10	3761208.24	0.49193	(15122213)	487899.76	
3760972.40	0.51636	(14120216)			
487983.18	3762301.23	1.11370	(16123016)	487913.66	
3762403.25	1.04246	(16123016)			
487890.59	3762238.09	1.06183	(16123016)	488190.14	
3762513.88	0.96207	(16123016)			
488424.39	3762586.51	0.82530	(16123016)	488657.54	
3762495.87	1.05842	(16123016)			
488908.17	3762583.23	1.27227	(14120316)	489170.26	
3762660.77	1.79880	(14120316)			
489382.17	3762809.64	1.96400	(14120316)	489294.91	
3762783.65	1.92107	(14120316)			
489889.72	3762661.22	2.86626	(14120316)	490022.93	
3762783.29	2.03681	(14120316)			
490423.96	3762839.25	1.92378	(16011116)	490375.94	
3762870.37	1.83425	(16011116)			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 , VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 , VOL285 , VOL286 , VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 , VOL293 , VOL294 , VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	3.10811	(12022716)	491132.33	3762903.51	3.54633	(12022716)
492890.84	3762203.51	5.07691	(12022716)	492961.55	3762258.51	4.03357	(12022716)

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       493033.99   3762272.60        3.49081  (12022716)                493032.31
       3762205.18        3.39838  (12022716)
       493087.32   3762215.25        2.41110  (12022716)                493079.94
       3762296.41        2.91811  (12022716)
       493163.79   3762367.18        2.05637  (12022716)                493068.87
       3762510.05        1.75665  (12022716)
       493101.07   3762454.71        2.20455  (12022716)                493281.84
       3762369.19        1.17374  (12022716)
       493351.51   3762095.42        1.22137  (16112816)                493439.48
       3762105.84        1.07679  (16112816)
       493972.90   3763044.23        0.87991  (16112816)                493957.03
       3763184.09        0.85901  (16112816)
       493583.55   3763480.45        0.56710  (16112816)                493258.47
       3763568.15        0.48453  (13050709)
       492895.78   3763485.72        0.69588  (12022716)                493781.01
       3761659.05        0.92338  (15121016)
       493797.63   3761658.35        0.91296  (15121016)                493831.94
       3761631.47        0.85045  (15121016)
       493900.20   3761664.01        0.86405  (15121016)                493918.59
       3761666.13        0.85580  (15121016)
       493929.55   3761662.24        0.84464  (15121016)                493945.82
       3761667.90        0.84351  (15121016)
       493758.37   3761524.30        1.33755  (12121716)                493961.03
       3761672.85        0.84084  (15121016)
       493975.18   3761679.57        0.83813  (15121016)                493987.55
       3761687.70        0.83764  (15121016)
       493998.87   3761697.25        0.83665  (15121016)                494007.71
       3761707.51        0.83700  (15121016)
       494016.91   3761718.12        0.83619  (15121016)                494024.69
       3761730.85        0.83139  (15121016)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:31:22

                    PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                    ** CONC OF NOX      IN
                                    MICROGRAMS/M**3                        **


                                                 DATE
                                                                                NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       5.07691  ON 12022716: AT (  492890.84,  3762203.51,
695.84,   718.00,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:31:22

                    PAGE  52
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of          388 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          191 Calm Hours Identified

A Total of          197 Missing Hours Identified (  0.45 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186     746       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     746       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Cons PM10\15218
Ph5 Cons PM10.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Cons PM10.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL236       VOLUME     490631.865  3762017.220      668.870
   LOCATION VOL275       VOLUME     490713.350  3762364.114      650.330
   LOCATION VOL276       VOLUME     490624.549  3762230.914      650.900
   LOCATION VOL277       VOLUME     490759.600  3762230.914      672.270
   LOCATION VOL278       VOLUME     490491.349  3762160.613      649.370
   LOCATION VOL279       VOLUME     490622.699  3762097.713      672.320
   LOCATION VOL280       VOLUME     490757.750  3762095.863      659.070
   LOCATION VOL281       VOLUME     490889.100  3762097.713      651.850
   LOCATION VOL282       VOLUME     490491.349  3762027.413      667.150
   LOCATION VOL283       VOLUME     490764.536  3762011.432      650.000
   LOCATION VOL284       VOLUME     490900.249  3761957.659      662.000
   LOCATION VOL285       VOLUME     490854.158  3761893.644      668.070
   LOCATION VOL286       VOLUME     491030.840  3761955.098      665.330
   LOCATION VOL287       VOLUME     490987.310  3761868.038      657.040
   LOCATION VOL288       VOLUME     491161.431  3761898.765      667.260
   LOCATION VOL289       VOLUME     491292.023  3761916.689      663.600
   LOCATION VOL290       VOLUME     491020.598  3761732.325      671.440
   LOCATION VOL291       VOLUME     490994.991  3761632.461      670.660
   LOCATION VOL292       VOLUME     491125.583  3761627.340      671.400
   LOCATION VOL293       VOLUME     491120.462  3761824.507      668.400
   LOCATION VOL294       VOLUME     491153.750  3761760.492      670.050
   LOCATION VOL295       VOLUME     491256.174  3761624.779      681.760
   LOCATION VOL296       VOLUME     491284.341  3761757.931      675.940
   LOCATION VOL297       VOLUME     491348.356  3761514.673      659.870
   LOCATION VOL298       VOLUME     491484.069  3761550.521      656.410
   LOCATION VOL299       VOLUME     491617.221  3761627.340      651.700
   LOCATION VOL300       VOLUME     490362.520  3762072.887      667.920
   LOCATION VOL301       VOLUME     490359.959  3761990.947      671.000
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   LOCATION VOL302       VOLUME     490231.928  3761983.265      671.200
   LOCATION VOL303       VOLUME     490229.368  3761875.719      672.750
   LOCATION VOL304       VOLUME     490203.762  3761760.492      674.310
   LOCATION VOL305       VOLUME     490109.019  3761801.462      671.630
   LOCATION VOL306       VOLUME     490132.064  3761916.689      669.570
   LOCATION VOL307       VOLUME     490321.550  3761604.294      679.580
   LOCATION VOL308       VOLUME     490452.141  3761606.855      678.140
   LOCATION VOL309       VOLUME     492633.785  3761896.204      692.130
   LOCATION VOL310       VOLUME     492533.921  3761806.583      685.900
   LOCATION VOL311       VOLUME     492544.163  3761729.764      689.590
   LOCATION VOL312       VOLUME     492633.785  3761755.371      694.170
   LOCATION VOL313       VOLUME     492708.042  3761891.083      694.700
   LOCATION PAREA1       AREAPOLY   490710.926  3762417.252      650.400
   LOCATION PAREA2       AREAPOLY   492614.706  3761961.790      689.240
** Source Parameters **
   SRCPARAM VOL236       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL275       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL276       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL277       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL278       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL279       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL280       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL281       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL282       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL283       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL284       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL285       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL286       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL287       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL288       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL289       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL290       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL291       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL292       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL293       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL294       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL295       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL296       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL297       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL298       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL299       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL300       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL301       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL302       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL303       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL304       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL305       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL306       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL307       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL308       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL309       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL310       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL311       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL312       0.0008662354     5.000    31.816     1.400
   SRCPARAM VOL313       0.0008662354     5.000    31.816     1.400
   SRCPARAM PAREA1       2.3741E-07     0.000        68     1.000
   AREAVERT PAREA1       490710.926 3762417.252 490673.504 3762346.348
   AREAVERT PAREA1       490624.265 3762273.474 490565.178 3762239.992
   AREAVERT PAREA1       490521.847 3762214.387 490407.613 3762135.605
   AREAVERT PAREA1       490248.078 3762060.761 490238.230 3762043.035
   AREAVERT PAREA1       490192.930 3761999.705 490171.265 3761981.979
   AREAVERT PAREA1       490147.630 3761966.222 490125.965 3761966.222
   AREAVERT PAREA1       490039.304 3761765.327 490161.417 3761710.179
   AREAVERT PAREA1       490240.200 3761676.696 490305.195 3761668.818
   AREAVERT PAREA1       490293.378 3761631.396 490253.987 3761603.822
   AREAVERT PAREA1       490265.804 3761568.370 490263.835 3761550.644
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   AREAVERT PAREA1       490289.439 3761528.979 490352.465 3761540.796
   AREAVERT PAREA1       490439.126 3761554.583 490488.365 3761556.553
   AREAVERT PAREA1       490506.091 3761613.670 490508.060 3761680.635
   AREAVERT PAREA1       490246.108 3761698.361 490277.622 3761808.657
   AREAVERT PAREA1       490311.104 3761879.561 490364.282 3761922.892
   AREAVERT PAREA1       490443.065 3761936.679 490561.239 3761942.587
   AREAVERT PAREA1       490661.686 3761950.466 490701.078 3761972.131
   AREAVERT PAREA1       490781.830 3761877.592 490870.460 3761824.414
   AREAVERT PAREA1       490964.999 3761779.114 490923.638 3761572.309
   AREAVERT PAREA1       491260.434 3761558.522 491268.312 3761536.857
   AREAVERT PAREA1       491293.917 3761532.918 491295.886 3761475.801
   AREAVERT PAREA1       491315.582 3761450.196 491386.486 3761493.527
   AREAVERT PAREA1       491435.725 3761501.405 491484.964 3761544.735
   AREAVERT PAREA1       491555.869 3761621.548 491614.955 3761670.788
   AREAVERT PAREA1       491721.312 3761682.605 491713.434 3761700.331
   AREAVERT PAREA1       491575.564 3761666.848 491544.051 3761627.457
   AREAVERT PAREA1       491506.629 3761631.396 491504.660 3761641.244
   AREAVERT PAREA1       491343.156 3761586.096 491317.551 3761712.148
   AREAVERT PAREA1       491289.977 3761745.631 491317.551 3761786.992
   AREAVERT PAREA1       491384.516 3761863.805 491392.395 3761881.531
   AREAVERT PAREA1       491317.551 3761987.887 491240.738 3761952.435
   AREAVERT PAREA1       491183.621 3761960.313 491077.264 3761962.283
   AREAVERT PAREA1       490986.665 3762009.553 490931.517 3762056.822
   AREAVERT PAREA1       490831.069 3762200.600 490771.982 3762301.048
   SRCPARAM PAREA2       2.3741E-07     0.000        12     1.000
   AREAVERT PAREA2       492614.706 3761961.790 492685.019 3761936.678
   AREAVERT PAREA2       492765.378 3761889.802 492641.492 3761677.187
   AREAVERT PAREA2       492577.875 3761667.143 492507.561 3761670.491
   AREAVERT PAREA2       492495.842 3761680.536 492467.382 3761752.523
   AREAVERT PAREA2       492455.663 3761775.961 492527.651 3761876.409
   AREAVERT PAREA2       492571.178 3761906.544 492571.178 3761941.701
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL275       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL276       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL277       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL278       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL279       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL280       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL281       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL282       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL283       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL284       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL285       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL286       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL287       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL288       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL289       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL290       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL291       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL292       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL293       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL294       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL295       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL296       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL297       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL298       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL299       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL300       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL301       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL302       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL303       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL304       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL305       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL306       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL307       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL308       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL309       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL310       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL311       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL312       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL313       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Cons PM10.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH5 CONS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph5 Cons PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     820       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     820       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***
- - - -

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL236	0	0.86624E-03	490631.9	3762017.2	668.9	5.00	31.82	1.40	YES HRDOW
VOL275	0	0.86624E-03	490713.3	3762364.1	650.3	5.00	31.82	1.40	YES HRDOW
VOL276	0	0.86624E-03	490624.5	3762230.9	650.9	5.00	31.82	1.40	YES HRDOW
VOL277	0	0.86624E-03	490759.6	3762230.9	672.3	5.00	31.82	1.40	YES HRDOW
VOL278	0	0.86624E-03	490491.3	3762160.6	649.4	5.00	31.82	1.40	YES HRDOW
VOL279	0	0.86624E-03	490622.7	3762097.7	672.3	5.00	31.82	1.40	YES HRDOW
VOL280	0	0.86624E-03	490757.8	3762095.9	659.1	5.00	31.82	1.40	YES HRDOW
VOL281	0	0.86624E-03	490889.1	3762097.7	651.8	5.00	31.82	1.40	YES HRDOW
VOL282	0	0.86624E-03	490491.3	3762027.4	667.1	5.00	31.82	1.40	YES HRDOW
VOL283	0	0.86624E-03	490764.5	3762011.4	650.0	5.00	31.82	1.40	YES HRDOW
VOL284	0	0.86624E-03	490900.2	3761957.7	662.0	5.00	31.82	1.40	YES HRDOW
VOL285	0	0.86624E-03	490854.2	3761893.6	668.1	5.00	31.82	1.40	YES HRDOW
VOL286	0	0.86624E-03	491030.8	3761955.1	665.3	5.00	31.82	1.40	YES HRDOW
VOL287	0	0.86624E-03	490987.3	3761868.0	657.0	5.00	31.82	1.40	YES HRDOW
VOL288	0	0.86624E-03	491161.4	3761898.8	667.3	5.00	31.82	1.40	YES HRDOW
VOL289	0	0.86624E-03	491292.0	3761916.7	663.6	5.00	31.82	1.40	YES HRDOW
VOL290	0	0.86624E-03	491020.6	3761732.3	671.4	5.00	31.82	1.40	

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 YES   HRDOW           NO
 VOL291          0   0.86624E-03  490995.0 3761632.5   670.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL292          0   0.86624E-03  491125.6 3761627.3   671.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL293          0   0.86624E-03  491120.5 3761824.5   668.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL294          0   0.86624E-03  491153.8 3761760.5   670.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL295          0   0.86624E-03  491256.2 3761624.8   681.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL296          0   0.86624E-03  491284.3 3761757.9   675.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL297          0   0.86624E-03  491348.4 3761514.7   659.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL298          0   0.86624E-03  491484.1 3761550.5   656.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL299          0   0.86624E-03  491617.2 3761627.3   651.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL300          0   0.86624E-03  490362.5 3762072.9   667.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL301          0   0.86624E-03  490360.0 3761990.9   671.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL302          0   0.86624E-03  490231.9 3761983.3   671.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL303          0   0.86624E-03  490229.4 3761875.7   672.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL304          0   0.86624E-03  490203.8 3761760.5   674.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL305          0   0.86624E-03  490109.0 3761801.5   671.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL306          0   0.86624E-03  490132.1 3761916.7   669.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL307          0   0.86624E-03  490321.5 3761604.3   679.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL308          0   0.86624E-03  490452.1 3761606.9   678.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL309          0   0.86624E-03  492633.8 3761896.2   692.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL310          0   0.86624E-03  492533.9 3761806.6   685.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL311          0   0.86624E-03  492544.2 3761729.8   689.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL312          0   0.86624E-03  492633.8 3761755.4   694.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL313          0   0.86624E-03  492708.0 3761891.1   694.7     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                      PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.
              URBAN  EMISSION RATE    AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ
   SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
     (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -
```

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 PAREA1           0   0.23741E-06  490710.9 3762417.3   650.4     0.00      68         1.00
 YES   HRDOW           NO
 PAREA2           0   0.23741E-06  492614.7 3761961.8   689.2     0.00      12         1.00
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL236      , VOL275      , VOL276      , VOL277      , VOL278      , VOL279      ,
  VOL280      , VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,

             VOL306      , VOL307      , VOL308      , VOL309      , VOL310      , VOL311      ,
             VOL312      , VOL313      ,

             PAREA1      , PAREA2      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                 SOURCE IDs
  --------   ---------                                 ----------


              2189641.   VOL236      , VOL275      , VOL276      , VOL277      , VOL278      ,
              VOL279      , VOL280      ,
 VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,

             VOL306      , VOL307      , VOL308      , VOL309      , VOL310      , VOL311      ,
             VOL312      , VOL313      ,
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL275 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL276       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL277       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL278 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SOURCE ID = VOL279       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                      PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL280       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL281 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL282 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL283 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL284 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 12:18:58

PAGE 17
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL285 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SOURCE ID = VOL288 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL290 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL291 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL292 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL293 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL294       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL295       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL297 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL298 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL299 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL300 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL301       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL302       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        12:18:58

                     PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL303       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        12:18:58

                     PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL304 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL305 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL306   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL308 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL310 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL311 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL312 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL313 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);

(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);

(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5

```
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        12:18:58

                      PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL236      , VOL275      ,
                                  VOL276      , VOL277      , VOL278      ,
                    VOL279      , VOL280      , VOL281      , VOL282      , VOL283      ,
                    VOL284      , VOL285      , VOL286      ,
                    VOL287      , VOL288      , VOL289      , VOL290      , VOL291      ,
                    VOL292      , VOL293      , VOL294      ,
                    VOL295      , VOL296      , VOL297      , VOL298      , VOL299      ,
                    VOL300      , VOL301      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN
                                        MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        0.03887  (15010524)               493409.97
       3761986.39        0.03742  (13111224)
```

493417.46 3761972.99 0.03755 (13111224) 493468.31
3761958.40 0.03697 (13111224)
493499.84 3761947.37 0.03663 (13111224) 493614.36
3761892.81 0.03541 (13111224)
493613.66 3761905.05 0.03533 (13111224) 493614.36
3761917.12 0.03522 (13111224)
493614.36 3761927.44 0.03513 (13111224) 493613.31
3761940.20 0.03503 (13111224)
493616.46 3761952.10 0.03487 (13111224) 493615.23
3761961.71 0.03479 (13111224)
493614.53 3761973.78 0.03468 (13111224) 493614.01
3761984.98 0.03456 (13111224)
493613.66 3761996.52 0.03444 (13111224) 493614.18
3762007.36 0.03430 (13111224)
493615.76 3762018.56 0.03414 (13111224) 493614.71
3762025.73 0.03406 (13111224)
493614.36 3762035.00 0.03394 (13111224) 493613.13
3762043.74 0.03383 (13111224)
493613.66 3762052.14 0.03369 (13111224) 493613.83
3762061.58 0.03355 (13111224)
493614.18 3762071.55 0.03339 (13111224) 493696.46
3761742.53 0.03708 (16030224)
493707.35 3761768.92 0.03643 (16030224) 493727.98
3761742.80 0.03644 (16030224)
493755.61 3761733.69 0.03604 (16030224) 493750.48
3761720.58 0.03632 (16030224)
493745.92 3761709.48 0.03653 (16030224) 493741.37
3761696.95 0.03673 (16030224)
493738.52 3761681.00 0.03697 (15012024) 493737.38
3761663.91 0.03727 (15012024)
493736.52 3761651.38 0.03748 (15012024) 494418.08
3761416.13 0.03054 (15012024)
494473.73 3761368.11 0.03032 (15012024) 494939.85
3761394.35 0.02618 (16030224)
494686.37 3761403.42 0.02798 (15012024) 494575.98
3761568.60 0.02812 (16030224)
494541.49 3761602.79 0.02815 (16030224) 494822.53
3761435.24 0.02683 (16030224)
494846.18 3761504.63 0.02654 (16030224) 494841.06
3761535.78 0.02641 (16030224)
494837.90 3761553.12 0.02632 (16030224) 494885.61
3761199.09 0.02769 (15012024)
494976.68 3761325.65 0.02619 (15012024) 494985.35
3761366.25 0.02587 (16030224)
495070.90 3761299.23 0.02577 (15012024) 495115.47
3760632.60 0.03005 (14013024)
495069.03 3760685.30 0.02987 (14013024) 495087.55
3760728.31 0.02908 (14013024)
495079.90 3760834.52 0.02876 (16121524) 495202.38
3760883.65 0.02734 (16121524)
495237.63 3760939.31 0.02627 (16121524) 495298.45
3761048.56 0.02533 (15012024)
490844.43 3759375.83 0.01939 (14121524) 490895.79
3759357.70 0.01961c (14012924)
490596.67 3759246.67 0.01685 (14121524) 489103.59
3759859.22 0.02189 (13012524)
488940.48 3759893.26 0.02601 (13012524) 488472.34
3759865.64 0.03540 (13012524)
488432.53 3759884.27 0.03673 (13012524) 488713.15
3759827.76 0.02893 (13012524)
487562.29 3760285.62 0.03806 (13012524) 487809.35
3760420.86 0.03992 (13012524)
487553.10 3761208.24 0.02500 (13012224) 487899.76
3760972.40 0.02720 (15122224)
487983.18 3762301.23 0.04310m (13123124) 487913.66
3762403.25 0.04228m (13123124)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487890.59	3762238.09	0.04128m	(13123124)	488190.14	3762513.88	0.04250m	(13123124)
488424.39	3762586.51	0.04032m	(13123124)	488657.54	3762495.87	0.04533m	(13123124)
488908.17	3762583.23	0.04064	(15011224)	489170.26	3762660.77	0.05072	(14120324)
489382.17	3762809.64	0.05915	(14120324)	489294.91	3762783.65	0.05786	(14120324)
489889.72	3762661.22	0.08082	(16010524)	490022.93	3762783.29	0.06947	(16010524)
490423.96	3762839.25	0.07760	(16122324)	490375.94	3762870.37	0.07211	(16122324)
491453.08	3762845.48	0.04187	(16122224)	491132.33	3762903.51	0.05795	(16122224)
492890.84	3762203.51	0.04591	(12022724)	492961.55	3762258.51	0.03812	(13030724)
493033.99	3762272.60	0.03661	(13030724)	493032.31	3762205.18	0.03687	(13030724)
493087.32	3762215.25	0.03565	(16030324)	493079.94	3762296.41	0.03568	(13030724)
493163.79	3762367.18	0.03415	(13030724)	493068.87	3762510.05	0.03217	(13030724)
493101.07	3762454.71	0.03355	(13030724)	493281.84	3762369.19	0.03216	(13030724)
493351.51	3762095.42	0.03755	(15010524)	493439.48	3762105.84	0.03560	(15010524)
493972.90	3763044.23	0.02184	(16030324)	493957.03	3763184.09	0.02114	(16030324)
493583.55	3763480.45	0.01978	(14100224)	493258.47	3763568.15	0.02225	(14100224)
492895.78	3763485.72	0.02465	(14100224)	493781.01	3761659.05	0.03647	(15012024)
493797.63	3761658.35	0.03619	(15012024)	493831.94	3761631.47	0.03597	(15012024)
493900.20	3761664.01	0.03442	(15012024)	493918.59	3761666.13	0.03413	(16030224)
493929.55	3761662.24	0.03403	(15012024)	493945.82	3761667.90	0.03374	(16030224)

```
       493758.37   3761524.30        0.03859  (15012024)                493961.03
       3761672.85        0.03349  (16030224)
       493975.18   3761679.57        0.03325  (16030224)                493987.55
       3761687.70        0.03300  (16030224)
       493998.87   3761697.25        0.03274  (16030224)                494007.71
       3761707.51        0.03249  (16030224)
       494016.91   3761718.12        0.03221  (16030224)                494024.69
       3761730.85        0.03194  (16030224)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_10    IN
                                    MICROGRAMS/M**3                         **


                                                  DATE
                                                                                NETWORK
GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.08082  ON 16010524: AT (  489889.72,  3762661.22,
633.96,   683.00,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       12:18:58

                     PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          388 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          191 Calm Hours Identified

 A Total of          197 Missing Hours Identified (  0.45 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

```
ME W186     820       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     820       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Cons PM25\15218
Ph5 Cons PM25.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Cons PM25.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL236       VOLUME     490631.865  3762017.220      668.870
   LOCATION VOL275       VOLUME     490713.350  3762364.114      650.330
   LOCATION VOL276       VOLUME     490624.549  3762230.914      650.900
   LOCATION VOL277       VOLUME     490759.600  3762230.914      672.270
   LOCATION VOL278       VOLUME     490491.349  3762160.613      649.370
   LOCATION VOL279       VOLUME     490622.699  3762097.713      672.320
   LOCATION VOL280       VOLUME     490757.750  3762095.863      659.070
   LOCATION VOL281       VOLUME     490889.100  3762097.713      651.850
   LOCATION VOL282       VOLUME     490491.349  3762027.413      667.150
   LOCATION VOL283       VOLUME     490764.536  3762011.432      650.000
   LOCATION VOL284       VOLUME     490900.249  3761957.659      662.000
   LOCATION VOL285       VOLUME     490854.158  3761893.644      668.070
   LOCATION VOL286       VOLUME     491030.840  3761955.098      665.330
   LOCATION VOL287       VOLUME     490987.310  3761868.038      657.040
   LOCATION VOL288       VOLUME     491161.431  3761898.765      667.260
   LOCATION VOL289       VOLUME     491292.023  3761916.689      663.600
   LOCATION VOL290       VOLUME     491020.598  3761732.325      671.440
   LOCATION VOL291       VOLUME     490994.991  3761632.461      670.660
   LOCATION VOL292       VOLUME     491125.583  3761627.340      671.400
   LOCATION VOL293       VOLUME     491120.462  3761824.507      668.400
   LOCATION VOL294       VOLUME     491153.750  3761760.492      670.050
   LOCATION VOL295       VOLUME     491256.174  3761624.779      681.760
   LOCATION VOL296       VOLUME     491284.341  3761757.931      675.940
   LOCATION VOL297       VOLUME     491348.356  3761514.673      659.870
   LOCATION VOL298       VOLUME     491484.069  3761550.521      656.410
   LOCATION VOL299       VOLUME     491617.221  3761627.340      651.700
   LOCATION VOL300       VOLUME     490362.520  3762072.887      667.920
   LOCATION VOL301       VOLUME     490359.959  3761990.947      671.000
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   LOCATION VOL302       VOLUME     490231.928  3761983.265      671.200
   LOCATION VOL303       VOLUME     490229.368  3761875.719      672.750
   LOCATION VOL304       VOLUME     490203.762  3761760.492      674.310
   LOCATION VOL305       VOLUME     490109.019  3761801.462      671.630
   LOCATION VOL306       VOLUME     490132.064  3761916.689      669.570
   LOCATION VOL307       VOLUME     490321.550  3761604.294      679.580
   LOCATION VOL308       VOLUME     490452.141  3761606.855      678.140
   LOCATION VOL309       VOLUME     492633.785  3761896.204      692.130
   LOCATION VOL310       VOLUME     492533.921  3761806.583      685.900
   LOCATION VOL311       VOLUME     492544.163  3761729.764      689.590
   LOCATION VOL312       VOLUME     492633.785  3761755.371      694.170
   LOCATION VOL313       VOLUME     492708.042  3761891.083      694.700
   LOCATION PAREA1       AREAPOLY   490710.926  3762417.252      650.400
   LOCATION PAREA2       AREAPOLY   492614.706  3761961.790      689.240
** Source Parameters **
   SRCPARAM VOL236       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL275       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL276       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL277       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL278       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL279       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL280       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL281       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL282       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL283       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL284       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL285       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL286       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL287       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL288       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL289       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL290       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL291       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL292       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL293       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL294       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL295       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL296       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL297       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL298       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL299       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL300       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL301       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL302       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL303       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL304       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL305       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL306       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL307       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL308       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL309       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL310       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL311       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL312       0.0007953616     5.000    31.816     1.400
   SRCPARAM VOL313       0.0007953616     5.000    31.816     1.400
   SRCPARAM PAREA1       6.6322E-08     0.000        68     1.000
   AREAVERT PAREA1       490710.926 3762417.252 490673.504 3762346.348
   AREAVERT PAREA1       490624.265 3762273.474 490565.178 3762239.992
   AREAVERT PAREA1       490521.847 3762214.387 490407.613 3762135.605
   AREAVERT PAREA1       490248.078 3762060.761 490238.230 3762043.035
   AREAVERT PAREA1       490192.930 3761999.705 490171.265 3761981.979
   AREAVERT PAREA1       490147.630 3761966.222 490125.965 3761966.222
   AREAVERT PAREA1       490039.304 3761765.327 490161.417 3761710.179
   AREAVERT PAREA1       490240.200 3761676.696 490305.195 3761668.818
   AREAVERT PAREA1       490293.378 3761631.396 490253.987 3761603.822
   AREAVERT PAREA1       490265.804 3761568.370 490263.835 3761550.644
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   AREAVERT PAREA1       490289.439 3761528.979 490352.465 3761540.796
   AREAVERT PAREA1       490439.126 3761554.583 490488.365 3761556.553
   AREAVERT PAREA1       490506.091 3761613.670 490508.060 3761680.635
   AREAVERT PAREA1       490246.108 3761698.361 490277.622 3761808.657
   AREAVERT PAREA1       490311.104 3761879.561 490364.282 3761922.892
   AREAVERT PAREA1       490443.065 3761936.679 490561.239 3761942.587
   AREAVERT PAREA1       490661.686 3761950.466 490701.078 3761972.131
   AREAVERT PAREA1       490781.830 3761877.592 490870.460 3761824.414
   AREAVERT PAREA1       490964.999 3761779.114 490923.638 3761572.309
   AREAVERT PAREA1       491260.434 3761558.522 491268.312 3761536.857
   AREAVERT PAREA1       491293.917 3761532.918 491295.886 3761475.801
   AREAVERT PAREA1       491315.582 3761450.196 491386.486 3761493.527
   AREAVERT PAREA1       491435.725 3761501.405 491484.964 3761544.735
   AREAVERT PAREA1       491555.869 3761621.548 491614.955 3761670.788
   AREAVERT PAREA1       491721.312 3761682.605 491713.434 3761700.331
   AREAVERT PAREA1       491575.564 3761666.848 491544.051 3761627.457
   AREAVERT PAREA1       491506.629 3761631.396 491504.660 3761641.244
   AREAVERT PAREA1       491343.156 3761586.096 491317.551 3761712.148
   AREAVERT PAREA1       491289.977 3761745.631 491317.551 3761786.992
   AREAVERT PAREA1       491384.516 3761863.805 491392.395 3761881.531
   AREAVERT PAREA1       491317.551 3761987.887 491240.738 3761952.435
   AREAVERT PAREA1       491183.621 3761960.313 491077.264 3761962.283
   AREAVERT PAREA1       490986.665 3762009.553 490931.517 3762056.822
   AREAVERT PAREA1       490831.069 3762200.600 490771.982 3762301.048
   SRCPARAM PAREA2       6.6322E-08     0.000        12     1.000
   AREAVERT PAREA2       492614.706 3761961.790 492685.019 3761936.678
   AREAVERT PAREA2       492765.378 3761889.802 492641.492 3761677.187
   AREAVERT PAREA2       492577.875 3761667.143 492507.561 3761670.491
   AREAVERT PAREA2       492495.842 3761680.536 492467.382 3761752.523
   AREAVERT PAREA2       492455.663 3761775.961 492527.651 3761876.409
   AREAVERT PAREA2       492571.178 3761906.544 492571.178 3761941.701
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL275       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL276       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL277       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL278       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL279       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL280       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL281       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL282       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL283       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL284       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL285       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL286       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL287       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL288       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL289       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL290       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL291       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL292       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL293       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL294       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL295       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL296       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL297       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL298       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL299       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL300       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL301       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL302       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL303       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL304       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL305       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL306       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL307       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL308       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL309       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL310       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL311       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL312       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL313       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Cons PM25.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH5 CONS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph5 Cons PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     820       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     820       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL236	0	0.79536E-03	490631.9	3762017.2	668.9	5.00	31.82	1.40	YES HRDOW
VOL275	0	0.79536E-03	490713.3	3762364.1	650.3	5.00	31.82	1.40	YES HRDOW
VOL276	0	0.79536E-03	490624.5	3762230.9	650.9	5.00	31.82	1.40	YES HRDOW
VOL277	0	0.79536E-03	490759.6	3762230.9	672.3	5.00	31.82	1.40	YES HRDOW
VOL278	0	0.79536E-03	490491.3	3762160.6	649.4	5.00	31.82	1.40	YES HRDOW
VOL279	0	0.79536E-03	490622.7	3762097.7	672.3	5.00	31.82	1.40	YES HRDOW
VOL280	0	0.79536E-03	490757.8	3762095.9	659.1	5.00	31.82	1.40	YES HRDOW
VOL281	0	0.79536E-03	490889.1	3762097.7	651.8	5.00	31.82	1.40	YES HRDOW
VOL282	0	0.79536E-03	490491.3	3762027.4	667.1	5.00	31.82	1.40	YES HRDOW
VOL283	0	0.79536E-03	490764.5	3762011.4	650.0	5.00	31.82	1.40	YES HRDOW
VOL284	0	0.79536E-03	490900.2	3761957.7	662.0	5.00	31.82	1.40	YES HRDOW
VOL285	0	0.79536E-03	490854.2	3761893.6	668.1	5.00	31.82	1.40	YES HRDOW
VOL286	0	0.79536E-03	491030.8	3761955.1	665.3	5.00	31.82	1.40	YES HRDOW
VOL287	0	0.79536E-03	490987.3	3761868.0	657.0	5.00	31.82	1.40	YES HRDOW
VOL288	0	0.79536E-03	491161.4	3761898.8	667.3	5.00	31.82	1.40	YES HRDOW
VOL289	0	0.79536E-03	491292.0	3761916.7	663.6	5.00	31.82	1.40	YES HRDOW
VOL290	0	0.79536E-03	491020.6	3761732.3	671.4	5.00	31.82	1.40	

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 YES   HRDOW           NO
 VOL291          0   0.79536E-03  490995.0 3761632.5   670.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL292          0   0.79536E-03  491125.6 3761627.3   671.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL293          0   0.79536E-03  491120.5 3761824.5   668.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL294          0   0.79536E-03  491153.8 3761760.5   670.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL295          0   0.79536E-03  491256.2 3761624.8   681.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL296          0   0.79536E-03  491284.3 3761757.9   675.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL297          0   0.79536E-03  491348.4 3761514.7   659.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL298          0   0.79536E-03  491484.1 3761550.5   656.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL299          0   0.79536E-03  491617.2 3761627.3   651.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL300          0   0.79536E-03  490362.5 3762072.9   667.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL301          0   0.79536E-03  490360.0 3761990.9   671.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL302          0   0.79536E-03  490231.9 3761983.3   671.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL303          0   0.79536E-03  490229.4 3761875.7   672.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL304          0   0.79536E-03  490203.8 3761760.5   674.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL305          0   0.79536E-03  490109.0 3761801.5   671.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL306          0   0.79536E-03  490132.1 3761916.7   669.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL307          0   0.79536E-03  490321.5 3761604.3   679.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL308          0   0.79536E-03  490452.1 3761606.9   678.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL309          0   0.79536E-03  492633.8 3761896.2   692.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL310          0   0.79536E-03  492533.9 3761806.6   685.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL311          0   0.79536E-03  492544.2 3761729.8   689.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL312          0   0.79536E-03  492633.8 3761755.4   694.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL313          0   0.79536E-03  492708.0 3761891.1   694.7     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.
              URBAN  EMISSION RATE    AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ
   SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
     (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -
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 PAREA1           0   0.66322E-07  490710.9 3762417.3   650.4     0.00      68         1.00
 YES   HRDOW           NO
 PAREA2           0   0.66322E-07  492614.7 3761961.8   689.2     0.00      12         1.00
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL236      , VOL275      , VOL276      , VOL277      , VOL278      , VOL279      ,
  VOL280      , VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,

             VOL306      , VOL307      , VOL308      , VOL309      , VOL310      , VOL311      ,
             VOL312      , VOL313      ,

             PAREA1      , PAREA2      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                 SOURCE IDs
  --------   ---------                                 ----------


              2189641.   VOL236      , VOL275      , VOL276      , VOL277      , VOL278      ,
              VOL279      , VOL280      ,
 VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,

             VOL306      , VOL307      , VOL308      , VOL309      , VOL310      , VOL311      ,
             VOL312      , VOL313      ,
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL275 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL276 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL277 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL278       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
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```
 SOURCE ID = VOL279       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                      PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL280       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL281 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL282 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL283 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL284 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL285 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL288 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL289 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL290 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL291 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL292 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL293 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL294       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL295       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL297 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL298 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL299 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL300 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL301 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL302 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL303       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL304 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL306   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL308 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL309 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 13:39:55

PAGE 42

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL310 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR								

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 13:39:55

PAGE 43

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL311 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR								

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL312 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL313 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);

(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);

(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5

```
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                      PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL236      , VOL275      ,
                                  VOL276      , VOL277      , VOL278      ,
                    VOL279      , VOL280      , VOL281      , VOL282      , VOL283      ,
                    VOL284      , VOL285      , VOL286      ,
                    VOL287      , VOL288      , VOL289      , VOL290      , VOL291      ,
                    VOL292      , VOL293      , VOL294      ,
                    VOL295      , VOL296      , VOL297      , VOL298      , VOL299      ,
                    VOL300      , VOL301      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN
                                        MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        0.01340  (15010524)               493409.97
       3761986.39        0.01261  (13111224)
```

493417.46 3761972.99 0.01291 (16011524) 493468.31
3761958.40 0.01269 (16011524)
493499.84 3761947.37 0.01255 (16011524) 493614.36
3761892.81 0.01190 (13111224)
493613.66 3761905.05 0.01187 (13111224) 493614.36
3761917.12 0.01183 (13111224)
493614.36 3761927.44 0.01179 (13111224) 493613.31
3761940.20 0.01175 (13111224)
493616.46 3761952.10 0.01169 (13111224) 493615.23
3761961.71 0.01166 (13111224)
493614.53 3761973.78 0.01162 (13111224) 493614.01
3761984.98 0.01158 (13111224)
493613.66 3761996.52 0.01153 (13111224) 493614.18
3762007.36 0.01148 (13111224)
493615.76 3762018.56 0.01143 (13111224) 493614.71
3762025.73 0.01140 (13111224)
493614.36 3762035.00 0.01135 (13111224) 493613.13
3762043.74 0.01132 (13111224)
493613.66 3762052.14 0.01127 (13111224) 493613.83
3762061.58 0.01122 (13111224)
493614.18 3762071.55 0.01117 (13111224) 493696.46
3761742.53 0.01199 (16030224)
493707.35 3761768.92 0.01179 (16030224) 493727.98
3761742.80 0.01177 (16030224)
493755.61 3761733.69 0.01164 (16030224) 493750.48
3761720.58 0.01172 (16030224)
493745.92 3761709.48 0.01179 (16030224) 493741.37
3761696.95 0.01185 (16030224)
493738.52 3761681.00 0.01190 (16030224) 493737.38
3761663.91 0.01199 (15012024)
493736.52 3761651.38 0.01206 (15012024) 494418.08
3761416.13 0.00980 (15012024)
494473.73 3761368.11 0.00974 (15012024) 494939.85
3761394.35 0.00831 (15012024)
494686.37 3761403.42 0.00897 (15012024) 494575.98
3761568.60 0.00896 (16030224)
494541.49 3761602.79 0.00898 (16030224) 494822.53
3761435.24 0.00852 (16030224)
494846.18 3761504.63 0.00844 (16030224) 494841.06
3761535.78 0.00840 (16030224)
494837.90 3761553.12 0.00837 (16030224) 494885.61
3761199.09 0.00889 (15012024)
494976.68 3761325.65 0.00838 (15012024) 494985.35
3761366.25 0.00827 (15012024)
495070.90 3761299.23 0.00824 (15012024) 495115.47
3760632.60 0.00995 (14013024)
495069.03 3760685.30 0.00992 (14013024) 495087.55
3760728.31 0.00990 (16121524)
495079.90 3760834.52 0.00989 (16121524) 495202.38
3760883.65 0.00947 (16121524)
495237.63 3760939.31 0.00915 (16121524) 495298.45
3761048.56 0.00834 (16121524)
490844.43 3759375.83 0.00634 (14121524) 490895.79
3759357.70 0.00638 (14121524)
490596.67 3759246.67 0.00555 (14121524) 489103.59
3759859.22 0.00796 (13012524)
488940.48 3759893.26 0.00921 (13012524) 488472.34
3759865.64 0.01191 (13012524)
488432.53 3759884.27 0.01230 (13012524) 488713.15
3759827.76 0.01003 (13012524)
487562.29 3760285.62 0.01219 (13012524) 487809.35
3760420.86 0.01283 (13012524)
487553.10 3761208.24 0.00756 (15122224) 487899.76
3760972.40 0.00950 (15122224)
487983.18 3762301.23 0.01295m (13123124) 487913.66
3762403.25 0.01269m (13123124)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.01559	(16122224)	491132.33	3762903.51	0.02035	(16122224)
492890.84	3762203.51	0.01918	(12022724)	492961.55	3762258.51	0.01514	(12022724)
493033.99	3762272.60	0.01260	(12022724)	493032.31	3762205.18	0.01219	(13111224)
493087.32	3762215.25	0.01188	(15010524)	493079.94	3762296.41	0.01148	(13030724)
493163.79	3762367.18	0.01093	(13030724)	493068.87	3762510.05	0.01031	(13030724)
493101.07	3762454.71	0.01072	(13030724)	493281.84	3762369.19	0.01028	(13030724)
493351.51	3762095.42	0.01293	(15010524)	493439.48	3762105.84	0.01218	(15010524)
493972.90	3763044.23	0.00675	(16030324)	493957.03	3763184.09	0.00651	(16030324)
493583.55	3763480.45	0.00604	(14100224)	493258.47	3763568.15	0.00677	(14100224)
492895.78	3763485.72	0.00752	(14100224)	493781.01	3761659.05	0.01173	(15012024)
493797.63	3761658.35	0.01164	(15012024)	493831.94	3761631.47	0.01157	(15012024)
493900.20	3761664.01	0.01105	(16030224)	493918.59	3761666.13	0.01097	(16030224)
493929.55	3761662.24	0.01093	(16030224)	493945.82	3761667.90	0.01084	(16030224)

```
       493758.37   3761524.30        0.01248  (15012024)                493961.03
       3761672.85        0.01076  (16030224)
       493975.18   3761679.57        0.01068  (16030224)                493987.55
       3761687.70        0.01060  (16030224)
       493998.87   3761697.25        0.01052  (16030224)                494007.71
       3761707.51        0.01044  (16030224)
       494016.91   3761718.12        0.01036  (16030224)                494024.69
       3761730.85        0.01027  (16030224)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_2.5   IN
                                    MICROGRAMS/M**3                          **


                                                    DATE
                                                                                NETWORK
GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.03056  ON 16010524: AT (  489889.72,  3762661.22,
633.96,   683.00,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:55

                     PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          388 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          191 Calm Hours Identified

 A Total of          197 Missing Hours Identified (  0.45 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

```
ME W186     820       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     820       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Cons CO
Mit\15218 Ph1 Cons CO Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Cons CO Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
```

LOCATION VOL64	VOLUME	494299.890	3761440.813	720.200
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL73	VOLUME	492653.133	3762004.898	692.950
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491861.261	3762124.498	685.420
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	492825.779	3761472.781	683.550
LOCATION VOL93	VOLUME	492967.447	3761484.753	687.340
LOCATION VOL94	VOLUME	492845.732	3761335.103	686.260
LOCATION VOL95	VOLUME	492957.471	3761347.075	682.030
LOCATION VOL96	VOLUME	493053.247	3761341.089	681.650
LOCATION VOL97	VOLUME	492857.704	3761195.429	687.650
LOCATION VOL98	VOLUME	492859.699	3761137.564	695.600
LOCATION VOL99	VOLUME	492951.485	3761205.406	673.090
LOCATION VOL100	VOLUME	493055.242	3761201.415	681.890
LOCATION VOL101	VOLUME	492999.373	3761127.588	677.270
LOCATION VOL102	VOLUME	492987.401	3760985.919	666.300
LOCATION VOL103	VOLUME	492843.737	3760985.919	681.780
LOCATION VOL104	VOLUME	492702.068	3760977.938	698.980
LOCATION VOL105	VOLUME	492558.404	3760973.947	697.920
LOCATION VOL106	VOLUME	492488.567	3761099.653	696.880
LOCATION VOL107	VOLUME	492484.576	3761239.327	698.820
LOCATION VOL108	VOLUME	492484.576	3761375.009	683.390
LOCATION VOL109	VOLUME	492512.511	3761498.720	678.640
LOCATION VOL110	VOLUME	492638.217	3761522.664	684.350
LOCATION VOL111	VOLUME	492735.988	3761530.645	683.000
LOCATION VOL112	VOLUME	493466.281	3761650.366	709.230
LOCATION VOL113	VOLUME	493609.945	3761660.342	697.620
LOCATION VOL114	VOLUME	493635.885	3761530.645	689.730
LOCATION VOL115	VOLUME	493697.740	3761396.958	687.940
LOCATION VOL116	VOLUME	493536.118	3761806.002	707.000
LOCATION VOL117	VOLUME	493402.430	3761815.978	709.730
LOCATION VOL118	VOLUME	493061.228	3761839.922	707.880
LOCATION VOL119	VOLUME	492923.550	3761867.857	695.860
LOCATION VOL120	VOLUME	492783.876	3761903.773	696.290
LOCATION VOL121	VOLUME	494266.597	3761195.116	700.290
LOCATION VOL122	VOLUME	494394.112	3761261.275	719.950
LOCATION VOL123	VOLUME	494442.000	3760953.994	701.880
LOCATION VOL124	VOLUME	494499.865	3760866.199	700.670
LOCATION VOL125	VOLUME	491616.605	3762019.503	684.240
LOCATION VOL126	VOLUME	491640.549	3762141.218	684.320
LOCATION VOL127	VOLUME	491758.274	3762171.148	686.490
LOCATION VOL128	VOLUME	491582.685	3762278.896	683.100
LOCATION VOL129	VOLUME	491540.783	3762416.574	667.010

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   LOCATION VOL130       VOLUME     491672.475  3762478.430      680.300
   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
   LOCATION VOL134       VOLUME     493756.133  3761285.416      684.640
   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
** Source Parameters **
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   SRCPARAM VOL94        0.0318144648     5.000    31.816     1.400
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   SRCPARAM VOL109       0.0318144648     5.000    31.816     1.400
   SRCPARAM VOL110       0.0318144648     5.000    31.816     1.400
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   SRCPARAM VOL112       0.0318144648     5.000    31.816     1.400
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   SRCPARAM VOL132       0.0318144648     5.000    31.816     1.400
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   SRCPARAM VOL134       0.0318144648     5.000    31.816     1.400
   SRCPARAM VOL135       0.0318144648     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
```

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   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL69        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL70        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL71        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL72        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL73        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL74        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL75        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL76        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL77        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL78        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL79        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL80        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL81        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL82        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL83        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL84        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL85        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL86        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL87        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL88        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL89        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL90        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL91        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Cons CO Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH1 CONS CO MIT.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH1 CONS CO MIT.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph1 Cons CO Mit.sum"
```

```
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1766       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1766       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   100 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:    100 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    100 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
```

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                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph1 Cons CO
 Mit.err
 **File for Summary of Results:   15218 Ph1 Cons CO
 Mit.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                      PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - -

 VOL4             0   0.31814E-01  492797.1 3762283.9   695.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL5             0   0.31814E-01  493197.6 3761815.0   710.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL6             0   0.31814E-01  492524.0 3762265.1   688.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL7             0   0.31814E-01  492388.1 3762262.6   696.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL8             0   0.31814E-01  492254.8 3762271.8   683.2     5.00    31.82     1.40
```

```
YES   HRDOW            NO
VOL9            0   0.31814E-01  493105.9 3761467.1   684.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL10           0   0.31814E-01  493239.1 3761465.8   689.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL11           0   0.31814E-01  493368.3 3761535.2   695.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL16           0   0.31814E-01  492659.4 3762267.1   695.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL17           0   0.31814E-01  493185.4 3761712.2   707.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL18           0   0.31814E-01  491986.2 3762340.0   678.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL19           0   0.31814E-01  491843.1 3762383.8   670.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL20           0   0.31814E-01  492118.5 3762307.8   682.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL21           0   0.31814E-01  493148.2 3761325.5   685.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL22           0   0.31814E-01  493285.0 3761332.6   690.3     5.00    31.82     1.40
YES   HRDOW            NO
VOL23           0   0.31814E-01  493368.3 3761393.7   681.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL24           0   0.31814E-01  493893.2 3761268.9   696.5     5.00    31.82     1.40
YES   HRDOW            NO
VOL25           0   0.31814E-01  494008.7 3761247.0   701.2     5.00    31.82     1.40
YES   HRDOW            NO
VOL26           0   0.31814E-01  494137.7 3761246.0   721.6     5.00    31.82     1.40
YES   HRDOW            NO
VOL30           0   0.31814E-01  493263.0 3761716.6   705.5     5.00    31.82     1.40
YES   HRDOW            NO
VOL31           0   0.31814E-01  493268.3 3761811.5   710.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL35           0   0.31814E-01  493145.9 3761184.0   686.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL36           0   0.31814E-01  493287.4 3761193.4   698.1     5.00    31.82     1.40
YES   HRDOW            NO
VOL37           0   0.31814E-01  493373.0 3761252.2   680.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL46           0   0.31814E-01  493128.3 3761058.6   681.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL47           0   0.31814E-01  493228.4 3761082.6   683.1     5.00    31.82     1.40
YES   HRDOW            NO
VOL48           0   0.31814E-01  493354.1 3761167.3   672.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL63           0   0.31814E-01  494331.8 3761044.0   704.8     5.00    31.82     1.40
YES   HRDOW            NO
VOL64           0   0.31814E-01  494299.9 3761440.8   720.2     5.00    31.82     1.40
YES   HRDOW            NO
VOL65           0   0.31814E-01  492653.1 3762138.7   689.1     5.00    31.82     1.40
YES   HRDOW            NO
VOL66           0   0.31814E-01  491979.9 3762211.7   686.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL67           0   0.31814E-01  491836.8 3762255.5   683.4     5.00    31.82     1.40
YES   HRDOW            NO
VOL68           0   0.31814E-01  492112.2 3762179.4   689.5     5.00    31.82     1.40
YES   HRDOW            NO
VOL69           0   0.31814E-01  491694.4 3762248.6   690.2     5.00    31.82     1.40
YES   HRDOW            NO
VOL70           0   0.31814E-01  492517.7 3762136.8   695.7     5.00    31.82     1.40
YES   HRDOW            NO
VOL71           0   0.31814E-01  492381.8 3762134.3   693.9     5.00    31.82     1.40
YES   HRDOW            NO
VOL72           0   0.31814E-01  492248.5 3762143.5   690.0     5.00    31.82     1.40
YES   HRDOW            NO
VOL73           0   0.31814E-01  492653.1 3762004.9   692.9     5.00    31.82     1.40
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL74	0	0.31814E-01	491979.9	3762077.8	692.8	5.00	31.82	1.40	YES HRDOW
VOL75	0	0.31814E-01	491861.3	3762124.5	685.4	5.00	31.82	1.40	YES HRDOW
VOL76	0	0.31814E-01	492112.2	3762045.6	687.6	5.00	31.82	1.40	YES HRDOW
VOL77	0	0.31814E-01	492234.6	3761900.7	682.3	5.00	31.82	1.40	YES HRDOW
VOL78	0	0.31814E-01	492517.7	3762002.9	686.1	5.00	31.82	1.40	YES HRDOW
VOL79	0	0.31814E-01	492381.8	3762000.4	683.7	5.00	31.82	1.40	YES HRDOW
VOL80	0	0.31814E-01	492248.5	3762009.6	684.6	5.00	31.82	1.40	YES HRDOW
VOL81	0	0.31814E-01	492101.1	3761906.6	686.0	5.00	31.82	1.40	YES HRDOW
VOL82	0	0.31814E-01	491981.9	3761950.4	678.8	5.00	31.82	1.40	YES HRDOW
VOL83	0	0.31814E-01	491977.0	3761816.6	673.3	5.00	31.82	1.40	YES HRDOW
VOL84	0	0.31814E-01	491928.4	3761984.5	688.2	5.00	31.82	1.40	YES HRDOW
VOL85	0	0.31814E-01	491930.8	3761843.4	679.8	5.00	31.82	1.40	YES HRDOW
VOL86	0	0.31814E-01	491794.5	3761889.6	686.2	5.00	31.82	1.40	YES HRDOW
VOL87	0	0.31814E-01	491658.3	3761877.4	655.9	5.00	31.82	1.40	YES HRDOW
VOL88	0	0.31814E-01	491835.9	3761787.4	683.2	5.00	31.82	1.40	YES HRDOW
VOL89	0	0.31814E-01	491702.1	3761770.4	661.0	5.00	31.82	1.40	YES HRDOW
VOL90	0	0.31814E-01	491592.6	3761743.6	657.9	5.00	31.82	1.40	YES HRDOW
VOL91	0	0.31814E-01	491801.8	3762386.9	675.2	5.00	31.82	1.40	YES HRDOW
VOL92	0	0.31814E-01	492825.8	3761472.8	683.5	5.00	31.82	1.40	YES HRDOW
VOL93	0	0.31814E-01	492967.4	3761484.8	687.3	5.00	31.82	1.40	YES HRDOW
VOL94	0	0.31814E-01	492845.7	3761335.1	686.3	5.00	31.82	1.40	YES HRDOW
VOL95	0	0.31814E-01	492957.5	3761347.1	682.0	5.00	31.82	1.40	YES HRDOW
VOL96	0	0.31814E-01	493053.2	3761341.1	681.6	5.00	31.82	1.40	

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 YES   HRDOW            NO
 VOL97           0   0.31814E-01  492857.7 3761195.4   687.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL98           0   0.31814E-01  492859.7 3761137.6   695.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL99           0   0.31814E-01  492951.5 3761205.4   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL100          0   0.31814E-01  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL101          0   0.31814E-01  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL102          0   0.31814E-01  492987.4 3760985.9   666.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL103          0   0.31814E-01  492843.7 3760985.9   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL104          0   0.31814E-01  492702.1 3760977.9   699.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL105          0   0.31814E-01  492558.4 3760973.9   697.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL106          0   0.31814E-01  492488.6 3761099.7   696.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL107          0   0.31814E-01  492484.6 3761239.3   698.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL108          0   0.31814E-01  492484.6 3761375.0   683.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL109          0   0.31814E-01  492512.5 3761498.7   678.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL110          0   0.31814E-01  492638.2 3761522.7   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL111          0   0.31814E-01  492736.0 3761530.6   683.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL112          0   0.31814E-01  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL113          0   0.31814E-01  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL114          0   0.31814E-01  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL115          0   0.31814E-01  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL116          0   0.31814E-01  493536.1 3761806.0   707.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL117          0   0.31814E-01  493402.4 3761816.0   709.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL118          0   0.31814E-01  493061.2 3761839.9   707.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL119          0   0.31814E-01  492923.5 3761867.9   695.9     5.00    31.82     1.40
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 YES   HRDOW            NO
 VOL120          0   0.31814E-01  492783.9 3761903.8   696.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL121          0   0.31814E-01  494266.6 3761195.1   700.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL122          0   0.31814E-01  494394.1 3761261.3   719.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL123          0   0.31814E-01  494442.0 3760954.0   701.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL124          0   0.31814E-01  494499.9 3760866.2   700.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL125          0   0.31814E-01  491616.6 3762019.5   684.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL126          0   0.31814E-01  491640.5 3762141.2   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL127          0   0.31814E-01  491758.3 3762171.1   686.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL128          0   0.31814E-01  491582.7 3762278.9   683.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL129          0   0.31814E-01  491540.8 3762416.6   667.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL130          0   0.31814E-01  491672.5 3762478.4   680.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL131          0   0.31814E-01  491542.8 3762512.3   678.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL132          0   0.31814E-01  494202.6 3761397.0   715.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL133          0   0.31814E-01  494312.7 3760935.8   695.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL134          0   0.31814E-01  493756.1 3761285.4   684.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL135          0   0.31814E-01  491584.8 3761865.1   668.3     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4       , VOL5       , VOL6       , VOL7       , VOL8       , VOL9       ,
  VOL10       , VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,
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VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 ,
VOL90 , VOL91 ,

VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 ,
VOL98 , VOL99 ,

VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 ,
VOL106 , VOL107 ,

VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 ,
VOL114 , VOL115 ,

VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 ,
VOL122 , VOL123 ,

VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 ,
VOL130 , VOL131 ,

VOL132 , VOL133 , VOL134 , VOL135 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
		VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 ,
		VOL46 , VOL47 , VOL48 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 ,
		VOL68 , VOL69 , VOL70 , VOL71 , VOL72 , VOL73 , VOL74 , VOL75 ,
		VOL76 , VOL77 , VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
		VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
		VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
		VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
		VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
		VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 ,

VOL122 , VOL123 ,

VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 ,
VOL130 , VOL131 ,

VOL132 , VOL133 , VOL134 , VOL135 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

DAY OF WEEK = SUNDAY

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 10:59:27

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 10:59:27

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

```
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                      PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                      PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL20        ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL21        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 10:59:27

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

(HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL70        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL71        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL72        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL73        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                      PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL74        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL75 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL76 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL77 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL78 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL79        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL80        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
```

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL82 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL83 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL84 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL85 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00												

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL86 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL87 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL88 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL91 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL97 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL98 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL100   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL102 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 10:59:27

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL111       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL112       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                      PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL115       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 10:59:27

PAGE 91
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL122       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL123 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL129       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL130       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);

(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);

(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WD	WS HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5

```
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                               VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                  VOL18       , VOL19       , VOL20       ,
                  VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                  VOL26       , VOL30       , VOL31       ,
                  VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                  VOL48       , VOL63       ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF CO       IN
                                    MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
- - - -
```

493745.92 3761709.48 16.76942 (12022716) 493741.37
3761696.95 16.84700 (12022716)
493738.52 3761681.00 16.69415 (12022716) 493737.38
3761663.91 16.46426 (12022716)
493736.52 3761651.38 16.52440 (12022716) 494418.08
3761416.13 15.39463 (12121716)
494473.73 3761368.11 17.29308 (12022716) 494939.85
3761394.35 5.21061 (12121716)
494686.37 3761403.42 7.59082 (12121716) 494575.98
3761568.60 6.28559 (12022716)
494541.49 3761602.79 7.09282 (12022716) 494822.53
3761435.24 5.54774 (12121716)
494846.18 3761504.63 4.30870 (12121716) 494841.06
3761535.78 3.92179 (12121716)
494837.90 3761553.12 3.84083 (16112816) 494885.61
3761199.09 7.38361 (12121716)
494976.68 3761325.65 6.03187 (12121716) 494985.35
3761366.25 5.35693 (12121716)
495070.90 3761299.23 5.12853 (12121716) 495115.47
3760632.60 7.49942 (12121716)
495069.03 3760685.30 8.36039 (12121716) 495087.55
3760728.31 8.83914 (12121716)
495079.90 3760834.52 9.05317 (12121716) 495202.38
3760883.65 8.54331 (12121716)
495237.63 3760939.31 8.10826 (12121716) 495298.45
3761048.56 6.90854 (12121716)
490844.43 3759375.83 1.65838 (12021516) 490895.79
3759357.70 1.77060 (12021516)
490596.67 3759246.67 1.40780 (12021516) 489103.59
3759859.22 1.08622 (15122215)
488940.48 3759893.26 1.09172 (15122215) 488472.34
3759865.64 1.08193 (15122215)
488432.53 3759884.27 1.08946 (16012009) 488713.15
3759827.76 1.08184 (15122215)
487562.29 3760285.62 1.14670 (14120216) 487809.35
3760420.86 1.18040 (14120216)
487553.10 3761208.24 1.61915 (16102416) 487899.76
3760972.40 1.45496 (16102416)
487983.18 3762301.23 2.15190 (16123016) 487913.66
3762403.25 2.17714 (16123016)
487890.59 3762238.09 2.05963 (16123016) 488190.14
3762513.88 2.24250 (16123016)
488424.39 3762586.51 2.22808 (16123016) 488657.54
3762495.87 2.40445 (16123016)
488908.17 3762583.23 2.36127 (16123016) 489170.26
3762660.77 2.24804 (16123016)
489382.17 3762809.64 1.99703 (14120316) 489294.91
3762783.65 1.98502 (12012316)
489889.72 3762661.22 2.67549 (14120316) 490022.93
3762783.29 3.55746 (14120316)
490423.96 3762839.25 5.30233 (14120316) 490375.94
3762870.37 5.15517 (14120316)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,

VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	6.82727	(14120316)	491132.33	3762903.51	7.24839	(14120316)
492828.06	3762200.49	15.57669	(16121516)	492961.55	3762258.51	9.35048	(13010916)
493033.99	3762272.60	9.08623	(16112816)	493032.31	3762205.18	8.72665	(14123016)
493087.32	3762215.25	8.29140	(14123016)	493079.94	3762296.41	8.38305	(16112816)
493163.79	3762367.18	6.07998	(14123016)	493068.87	3762510.05	7.42917	(12022716)
493101.07	3762454.71	7.13460	(16112816)	493281.84	3762369.19	5.80054	(14123016)
493351.51	3762095.42	12.16758	(12022716)	493439.48	3762105.84	14.10411	(12022716)
493972.90	3763044.23	4.66829	(13121916)	493957.03	3763184.09	4.20779	(13121916)
493583.55	3763480.45	3.42300	(12022716)	493258.47	3763568.15	3.84022	(12022716)
492895.78	3763485.72	3.88127	(12022716)	493781.01	3761659.05	15.69033	(12121716)
493797.63	3761658.35	15.09833	(12121716)	493831.94	3761631.47	14.89272	(12121716)
493900.20	3761664.01	11.82741	(12121716)	493918.59	3761666.13	11.35015	(12121716)
493929.55	3761662.24	11.16865	(12121716)	493945.82	3761667.90	10.64664	(12121716)
493758.37	3761524.30	17.05314	(12121716)	493961.03	3761672.85	10.19697	(12121716)
493975.18	3761679.57	9.75706	(12121716)	493987.55	3761687.70	9.25447	(12121716)
493998.87	3761697.25	8.77442	(12121716)	494007.71	3761707.51	8.45416	(16112816)
494016.91	3761718.12	8.34638	(16112816)	494024.69	3761730.85	8.14195	(16112816)
492955.24	3762130.13	10.16679	(12121716)	492955.24	3761996.30	16.48515	(14120316)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,

VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	4.28328	(12022716)	493409.97	3761986.39	5.46943	(12022716)
493417.46	3761972.99	5.80073	(12022716)	493468.31	3761958.40	5.97480	(12022716)
493499.84	3761947.37	5.97306	(12022716)	493614.36	3761892.81	5.80351	(12022716)
493613.66	3761905.05	5.51307	(12022716)	493614.36	3761917.12	5.18032	(12022716)
493614.36	3761927.44	4.92354	(12022716)	493613.31	3761940.20	4.64691	(12022716)
493616.46	3761952.10	4.36404	(12022716)	493615.23	3761961.71	4.20027	(12022716)
493614.53	3761973.78	4.00678	(12022716)	493614.01	3761984.98	3.84522	(12022716)
493613.66	3761996.52	3.70129	(12022716)	493614.18	3762007.36	3.57492	(12022716)
493615.76	3762018.56	3.44978	(12022716)	493614.71	3762025.73	3.38473	(12022716)
493614.36	3762035.00	3.30055	(12022716)	493613.13	3762043.74	3.23056	(12022716)
493613.66	3762052.14	3.15799	(12022716)	493613.83	3762061.58	3.08245	(12022716)
493614.18	3762071.55	3.00585	(12022716)	493696.46	3761742.53	5.22466	(12042316)
493707.35	3761768.92	4.58569	(12042316)	493727.98	3761742.80	4.47672	(12042316)
493755.61	3761733.69	4.06726	(12042316)	493750.48	3761720.58	4.37748	(12042316)
493745.92	3761709.48	4.68761	(12042316)	493741.37	3761696.95	5.07625	(12042316)
493738.52	3761681.00	5.52262	(12042316)	493737.38	3761663.91	5.86966	(12042316)
493736.52	3761651.38	6.06652	(12042316)	494418.08	3761416.13	5.61834	(12042316)
494473.73	3761368.11	4.05064	(12042316)	494939.85	3761394.35	1.53464	(16011516)
494686.37	3761403.42	2.12669	(16011516)	494575.98	3761568.60	1.71046	(15013016)
494541.49	3761602.79	1.66461	(15013016)	494822.53	3761435.24	1.67283	(16011516)
494846.18	3761504.63	1.48548	(16011516)	494841.06	3761535.78	1.42149	(16011516)
494837.90	3761553.12	1.38489	(16011516)	494885.61	3761199.09	1.76361	(12042316)
494976.68	3761325.65	1.49739	(16011516)	494985.35	3761366.25	1.47342	(16011516)
495070.90	3761299.23	1.36719	(16011516)	495115.47	3760632.60	1.69119	(16122216)
495069.03	3760685.30	1.73155	(16122216)	495087.55	3760728.31	1.69288	(16122216)
495079.90	3760834.52	1.73031	(12121716)	495202.38	3760883.65	1.60251	(12121716)
495237.63	3760939.31	1.52859	(12121716)	495298.45	3761048.56	1.33971	(12121716)

490844.43	3759375.83	0.69593	(13012516)	490895.79	
3759357.70	0.68877	(13012516)			
490596.67	3759246.67	0.67117	(13012516)	489103.59	
3759859.22	0.61455	(13012516)			
488940.48	3759893.26	0.58002	(13012516)	488472.34	
3759865.64	0.51829	(15122216)			
488432.53	3759884.27	0.51793	(15122216)	488713.15	
3759827.76	0.54661	(13012516)			
487562.29	3760285.62	0.47282	(15122216)	487809.35	
3760420.86	0.49302	(15122216)			
487553.10	3761208.24	0.41432	(15122216)	487899.76	
3760972.40	0.47665	(15122216)			
487983.18	3762301.23	0.53832	(16123016)	487913.66	
3762403.25	0.54703	(16123016)			
487890.59	3762238.09	0.51809	(12121316)	488190.14	
3762513.88	0.58551	(16123016)			
488424.39	3762586.51	0.60677	(16123016)	488657.54	
3762495.87	0.64602	(16123016)			
488908.17	3762583.23	0.67029	(16123016)	489170.26	
3762660.77	0.68919	(16123016)			
489382.17	3762809.64	0.64066	(12121316)	489294.91	
3762783.65	0.64599	(16123016)			
489889.72	3762661.22	0.81375	(16123016)	490022.93	
3762783.29	0.76299	(14120316)			
490423.96	3762839.25	1.23231	(16010516)	490375.94	
3762870.37	1.20126	(16010516)			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	2.75575	(16122316)	491132.33	3762903.51	2.50858	(16010516)
492828.06	3762200.49	6.99065	(12042316)	492961.55	3762258.51	4.31971	(16011516)
493033.99	3762272.60	3.12753	(16011516)	493032.31	3762205.18	3.15724	(16011516)
493087.32	3762215.25	2.78671	(15013016)	493079.94	3762296.41	2.77032	(15013016)
493163.79	3762367.18	2.28584	(15013016)	493068.87	3762510.05	1.94520	(12121816)
493101.07	3762454.71	2.05321	(12121816)	493281.84	3762369.19	1.98412	(15013016)

```
       493351.51   3762095.42        3.34619  (12022716)                493439.48
       3762105.84        3.26056  (12022716)
       493972.90   3763044.23        0.94089  (14012416)                493957.03
       3763184.09        0.88751  (14012416)
       493583.55   3763480.45        0.91187  (16122216)                493258.47
       3763568.15        0.94810  (16122216)
       492895.78   3763485.72        1.04496  (16122216)                493781.01
       3761659.05        4.44962  (12042316)
       493797.63   3761658.35        4.11698  (12042316)                493831.94
       3761631.47        3.72120  (12042316)
       493900.20   3761664.01        2.82944  (12042316)                493918.59
       3761666.13        2.70088  (16011516)
       493929.55   3761662.24        2.66321  (16011516)                493945.82
       3761667.90        2.55263  (16011516)
       493758.37   3761524.30        5.13252  (12042316)                493961.03
       3761672.85        2.46725  (16011516)
       493975.18   3761679.57        2.40711  (16011516)                493987.55
       3761687.70        2.34037  (16011516)
       493998.87   3761697.25        2.28333  (16011516)                494007.71
       3761707.51        2.22755  (16112816)
       494016.91   3761718.12        2.18037  (16112816)                494024.69
       3761730.85        2.13898  (15013016)
       492955.24   3762130.13        3.70678  (12042316)                492955.24
       3761996.30        5.51330  (13121916)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                  ** CONC OF CO       IN
                                  MICROGRAMS/M**3                        **


                                                 DATE
                                                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      31.95580  ON 12022716: AT (  493614.36,  3761892.81,
711.29,   711.29,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:59:27

                     PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST  8-HR RESULTS ***


                                  ** CONC OF CO       IN
```

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID
ALL	HIGH 1ST HIGH VALUE IS 6.99065	ON 12042316:	AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 10:59:27

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1766 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1766 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Cons NOX
Mit\15218 Ph1 Cons NOX Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Cons NOX Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
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LOCATION VOL64	VOLUME	494299.890	3761440.813	720.200
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL73	VOLUME	492653.133	3762004.898	692.950
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491861.261	3762124.498	685.420
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	492825.779	3761472.781	683.550
LOCATION VOL93	VOLUME	492967.447	3761484.753	687.340
LOCATION VOL94	VOLUME	492845.732	3761335.103	686.260
LOCATION VOL95	VOLUME	492957.471	3761347.075	682.030
LOCATION VOL96	VOLUME	493053.247	3761341.089	681.650
LOCATION VOL97	VOLUME	492857.704	3761195.429	687.650
LOCATION VOL98	VOLUME	492859.699	3761137.564	695.600
LOCATION VOL99	VOLUME	492951.485	3761205.406	673.090
LOCATION VOL100	VOLUME	493055.242	3761201.415	681.890
LOCATION VOL101	VOLUME	492999.373	3761127.588	677.270
LOCATION VOL102	VOLUME	492987.401	3760985.919	666.300
LOCATION VOL103	VOLUME	492843.737	3760985.919	681.780
LOCATION VOL104	VOLUME	492702.068	3760977.938	698.980
LOCATION VOL105	VOLUME	492558.404	3760973.947	697.920
LOCATION VOL106	VOLUME	492488.567	3761099.653	696.880
LOCATION VOL107	VOLUME	492484.576	3761239.327	698.820
LOCATION VOL108	VOLUME	492484.576	3761375.009	683.390
LOCATION VOL109	VOLUME	492512.511	3761498.720	678.640
LOCATION VOL110	VOLUME	492638.217	3761522.664	684.350
LOCATION VOL111	VOLUME	492735.988	3761530.645	683.000
LOCATION VOL112	VOLUME	493466.281	3761650.366	709.230
LOCATION VOL113	VOLUME	493609.945	3761660.342	697.620
LOCATION VOL114	VOLUME	493635.885	3761530.645	689.730
LOCATION VOL115	VOLUME	493697.740	3761396.958	687.940
LOCATION VOL116	VOLUME	493536.118	3761806.002	707.000
LOCATION VOL117	VOLUME	493402.430	3761815.978	709.730
LOCATION VOL118	VOLUME	493061.228	3761839.922	707.880
LOCATION VOL119	VOLUME	492923.550	3761867.857	695.860
LOCATION VOL120	VOLUME	492783.876	3761903.773	696.290
LOCATION VOL121	VOLUME	494266.597	3761195.116	700.290
LOCATION VOL122	VOLUME	494394.112	3761261.275	719.950
LOCATION VOL123	VOLUME	494442.000	3760953.994	701.880
LOCATION VOL124	VOLUME	494499.865	3760866.199	700.670
LOCATION VOL125	VOLUME	491616.605	3762019.503	684.240
LOCATION VOL126	VOLUME	491640.549	3762141.218	684.320
LOCATION VOL127	VOLUME	491758.274	3762171.148	686.490
LOCATION VOL128	VOLUME	491582.685	3762278.896	683.100
LOCATION VOL129	VOLUME	491540.783	3762416.574	667.010

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   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
   LOCATION VOL134       VOLUME     493756.133  3761285.416      684.640
   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
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   SRCPARAM VOL88        0.0033231941     5.000    31.816     1.400
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   SRCPARAM VOL95        0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL96        0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL97        0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL98        0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL99        0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL100       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL101       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL102       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL103       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL104       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL105       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL106       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL107       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL108       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL109       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL110       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL111       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL112       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL113       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL114       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL115       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL116       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL117       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL118       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL119       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL120       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL121       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL122       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL123       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL124       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL125       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL126       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL127       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL128       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL129       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL130       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL131       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL132       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL133       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL134       0.0033231941     5.000    31.816     1.400
   SRCPARAM VOL135       0.0033231941     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL69        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL70        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL71        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL72        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL73        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL74        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL75        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL76        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL77        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL78        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL79        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL80        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL81        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL82        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL83        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL84        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL85        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL86        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL87        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL88        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL89        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL90        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL91        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Cons NOX Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH1 CONS NOX MIT.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph1 Cons NOX Mit.sum"
OU FINISHED
```

```
 *** Message Summary For AERMOD Model Setup ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of            0 Informational Message(s)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186    1766       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1766       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:10:40

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   100 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NOX

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:    100 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    100 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
```

```
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph1 Cons NOX
 Mit.err
 **File for Summary of Results:   15218 Ph1 Cons NOX
 Mit.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:10:40

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL4             0   0.33232E-02  492797.1 3762283.9   695.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL5             0   0.33232E-02  493197.6 3761815.0   710.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL6             0   0.33232E-02  492524.0 3762265.1   688.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL7             0   0.33232E-02  492388.1 3762262.6   696.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL8             0   0.33232E-02  492254.8 3762271.8   683.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL9             0   0.33232E-02  493105.9 3761467.1   684.4     5.00    31.82     1.40
```

```
YES   HRDOW           NO
VOL10          0   0.33232E-02  493239.1 3761465.8   689.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL11          0   0.33232E-02  493368.3 3761535.2   695.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL16          0   0.33232E-02  492659.4 3762267.1   695.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL17          0   0.33232E-02  493185.4 3761712.2   707.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL18          0   0.33232E-02  491986.2 3762340.0   678.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL19          0   0.33232E-02  491843.1 3762383.8   670.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL20          0   0.33232E-02  492118.5 3762307.8   682.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL21          0   0.33232E-02  493148.2 3761325.5   685.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL22          0   0.33232E-02  493285.0 3761332.6   690.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL23          0   0.33232E-02  493368.3 3761393.7   681.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL24          0   0.33232E-02  493893.2 3761268.9   696.5     5.00    31.82     1.40
YES   HRDOW           NO
VOL25          0   0.33232E-02  494008.7 3761247.0   701.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL26          0   0.33232E-02  494137.7 3761246.0   721.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL30          0   0.33232E-02  493263.0 3761716.6   705.5     5.00    31.82     1.40
YES   HRDOW           NO
VOL31          0   0.33232E-02  493268.3 3761811.5   710.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL35          0   0.33232E-02  493145.9 3761184.0   686.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL36          0   0.33232E-02  493287.4 3761193.4   698.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL37          0   0.33232E-02  493373.0 3761252.2   680.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL46          0   0.33232E-02  493128.3 3761058.6   681.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL47          0   0.33232E-02  493228.4 3761082.6   683.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL48          0   0.33232E-02  493354.1 3761167.3   672.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL63          0   0.33232E-02  494331.8 3761044.0   704.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL64          0   0.33232E-02  494299.9 3761440.8   720.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL65          0   0.33232E-02  492653.1 3762138.7   689.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL66          0   0.33232E-02  491979.9 3762211.7   686.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL67          0   0.33232E-02  491836.8 3762255.5   683.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL68          0   0.33232E-02  492112.2 3762179.4   689.5     5.00    31.82     1.40
YES   HRDOW           NO
VOL69          0   0.33232E-02  491694.4 3762248.6   690.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL70          0   0.33232E-02  492517.7 3762136.8   695.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL71          0   0.33232E-02  492381.8 3762134.3   693.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL72          0   0.33232E-02  492248.5 3762143.5   690.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL73          0   0.33232E-02  492653.1 3762004.9   692.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL74          0   0.33232E-02  491979.9 3762077.8   692.8     5.00    31.82     1.40
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL76	0	0.33232E-02	492112.2	3762045.6	687.6	5.00	31.82	1.40	YES HRDOW
VOL77	0	0.33232E-02	492234.6	3761900.7	682.3	5.00	31.82	1.40	YES HRDOW
VOL78	0	0.33232E-02	492517.7	3762002.9	686.1	5.00	31.82	1.40	YES HRDOW
VOL79	0	0.33232E-02	492381.8	3762000.4	683.7	5.00	31.82	1.40	YES HRDOW
VOL80	0	0.33232E-02	492248.5	3762009.6	684.6	5.00	31.82	1.40	YES HRDOW
VOL81	0	0.33232E-02	492101.1	3761906.6	686.0	5.00	31.82	1.40	YES HRDOW
VOL82	0	0.33232E-02	491981.9	3761950.4	678.8	5.00	31.82	1.40	YES HRDOW
VOL83	0	0.33232E-02	491977.0	3761816.6	673.3	5.00	31.82	1.40	YES HRDOW
VOL84	0	0.33232E-02	491928.4	3761984.5	688.2	5.00	31.82	1.40	YES HRDOW
VOL85	0	0.33232E-02	491930.8	3761843.4	679.8	5.00	31.82	1.40	YES HRDOW
VOL86	0	0.33232E-02	491794.5	3761889.6	686.2	5.00	31.82	1.40	YES HRDOW
VOL87	0	0.33232E-02	491658.3	3761877.4	655.9	5.00	31.82	1.40	YES HRDOW
VOL88	0	0.33232E-02	491835.9	3761787.4	683.2	5.00	31.82	1.40	YES HRDOW
VOL89	0	0.33232E-02	491702.1	3761770.4	661.0	5.00	31.82	1.40	YES HRDOW
VOL90	0	0.33232E-02	491592.6	3761743.6	657.9	5.00	31.82	1.40	YES HRDOW
VOL91	0	0.33232E-02	491801.8	3762386.9	675.2	5.00	31.82	1.40	YES HRDOW
VOL92	0	0.33232E-02	492825.8	3761472.8	683.5	5.00	31.82	1.40	YES HRDOW
VOL93	0	0.33232E-02	492967.4	3761484.8	687.3	5.00	31.82	1.40	YES HRDOW
VOL94	0	0.33232E-02	492845.7	3761335.1	686.3	5.00	31.82	1.40	YES HRDOW
VOL95	0	0.33232E-02	492957.5	3761347.1	682.0	5.00	31.82	1.40	YES HRDOW
VOL96	0	0.33232E-02	493053.2	3761341.1	681.6	5.00	31.82	1.40	YES HRDOW
VOL97	0	0.33232E-02	492857.7	3761195.4	687.6	5.00	31.82	1.40	

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 YES   HRDOW            NO
 VOL98            0   0.33232E-02  492859.7 3761137.6   695.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL99            0   0.33232E-02  492951.5 3761205.4   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL100           0   0.33232E-02  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL101           0   0.33232E-02  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL102           0   0.33232E-02  492987.4 3760985.9   666.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL103           0   0.33232E-02  492843.7 3760985.9   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL104           0   0.33232E-02  492702.1 3760977.9   699.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL105           0   0.33232E-02  492558.4 3760973.9   697.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL106           0   0.33232E-02  492488.6 3761099.7   696.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL107           0   0.33232E-02  492484.6 3761239.3   698.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL108           0   0.33232E-02  492484.6 3761375.0   683.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL109           0   0.33232E-02  492512.5 3761498.7   678.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL110           0   0.33232E-02  492638.2 3761522.7   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL111           0   0.33232E-02  492736.0 3761530.6   683.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL112           0   0.33232E-02  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL113           0   0.33232E-02  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL114           0   0.33232E-02  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL115           0   0.33232E-02  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL116           0   0.33232E-02  493536.1 3761806.0   707.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL117           0   0.33232E-02  493402.4 3761816.0   709.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL118           0   0.33232E-02  493061.2 3761839.9   707.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL119           0   0.33232E-02  492923.5 3761867.9   695.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL120           0   0.33232E-02  492783.9 3761903.8   696.3     5.00    31.82     1.40
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 YES   HRDOW           NO
 VOL121          0   0.33232E-02  494266.6 3761195.1   700.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL122          0   0.33232E-02  494394.1 3761261.3   719.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL123          0   0.33232E-02  494442.0 3760954.0   701.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL124          0   0.33232E-02  494499.9 3760866.2   700.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL125          0   0.33232E-02  491616.6 3762019.5   684.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL126          0   0.33232E-02  491640.5 3762141.2   684.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL127          0   0.33232E-02  491758.3 3762171.1   686.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL128          0   0.33232E-02  491582.7 3762278.9   683.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL129          0   0.33232E-02  491540.8 3762416.6   667.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL130          0   0.33232E-02  491672.5 3762478.4   680.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL131          0   0.33232E-02  491542.8 3762512.3   678.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL132          0   0.33232E-02  494202.6 3761397.0   715.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL133          0   0.33232E-02  494312.7 3760935.8   695.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL134          0   0.33232E-02  493756.1 3761285.4   684.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL135          0   0.33232E-02  491584.8 3761865.1   668.3     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,
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VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 ,
VOL98 , VOL99 ,

VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 ,
VOL106 , VOL107 ,

VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 ,
VOL114 , VOL115 ,

VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 ,
VOL122 , VOL123 ,

VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 ,
VOL130 , VOL131 ,

VOL132 , VOL133 , VOL134 , VOL135 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:10:40

PAGE 6
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
		VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 ,
		VOL46 , VOL47 , VOL48 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 ,
		VOL68 , VOL69 , VOL70 , VOL71 , VOL72 , VOL73 , VOL74 , VOL75 ,
		VOL76 , VOL77 , VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
		VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
		VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
		VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
		VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
		VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,

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            VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
            VOL130      , VOL131      ,

            VOL132      , VOL133      , VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL5         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

(HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL26        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:10:40

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:10:40

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL35        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:10:40

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL36        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL71 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL72 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL75 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL76 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL77 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL78 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL79 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL80 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL82 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL83 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL84   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL86 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL88 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL89 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL90 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL91 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                     PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL95        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                     PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL96        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                     PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL97        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                     PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL98        ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                      PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL99        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:10:40

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL101 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL102 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL103 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

(HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                     PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL120       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                     PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL121       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:10:40

PAGE 93
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL122 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SOURCE ID = VOL123       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:10:40

                      PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL124       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL129 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);

(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);

(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	1.67116	(12022716)	493409.97	3761986.39	2.40997	(12022716)
493417.46	3761972.99	2.56093	(12022716)	493468.31	3761958.40	2.74145	(12022716)
493499.84	3761947.37	2.70794	(12022716)	493614.36	3761892.81	3.33796	(12022716)
493613.66	3761905.05	3.17605	(12022716)	493614.36	3761917.12	2.99112	(12022716)
493614.36	3761927.44	2.84003	(12022716)	493613.31	3761940.20	2.66797	(12022716)
493616.46	3761952.10	2.51972	(12022716)	493615.23	3761961.71	2.41504	(12022716)
493614.53	3761973.78	2.29768	(12022716)	493614.01	3761984.98	2.20199	(12022716)
493613.66	3761996.52	2.11840	(12022716)	493614.18	3762007.36	2.04917	(12022716)
493615.76	3762018.56	1.98434	(12022716)	493614.71	3762025.73	1.94516	(12022716)
493614.36	3762035.00	1.89788	(12022716)	493613.13	3762043.74	1.85649	(12022716)
493613.66	3762052.14	1.81811	(12022716)	493613.83	3762061.58	1.77709	(12022716)
493614.18	3762071.55	1.73557	(12022716)	493696.46	3761742.53	2.83660	(12022716)
493707.35	3761768.92	2.58799	(12022716)	493727.98	3761742.80	2.19641	(12022716)
493755.61	3761733.69	1.72991	(12022716)	493750.48	3761720.58	1.74015	(12022716)
493745.92	3761709.48	1.75166	(12022716)	493741.37	3761696.95	1.75976	(12022716)

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      493738.52   3761681.00        1.74380  (12022716)               493737.38
      3761663.91        1.71978  (12022716)
      493736.52   3761651.38        1.72606  (12022716)               494418.08
      3761416.13        1.60805  (12121716)
      494473.73   3761368.11        1.80636  (12022716)               494939.85
      3761394.35        0.54428  (12121716)
      494686.37   3761403.42        0.79290  (12121716)               494575.98
      3761568.60        0.65656  (12022716)
      494541.49   3761602.79        0.74088  (12022716)               494822.53
      3761435.24        0.57949  (12121716)
      494846.18   3761504.63        0.45007  (12121716)               494841.06
      3761535.78        0.40965  (12121716)
      494837.90   3761553.12        0.40120  (16112816)               494885.61
      3761199.09        0.77126  (12121716)
      494976.68   3761325.65        0.63006  (12121716)               494985.35
      3761366.25        0.55956  (12121716)
      495070.90   3761299.23        0.53570  (12121716)               495115.47
      3760632.60        0.78336  (12121716)
      495069.03   3760685.30        0.87329  (12121716)               495087.55
      3760728.31        0.92330  (12121716)
      495079.90   3760834.52        0.94565  (12121716)               495202.38
      3760883.65        0.89240  (12121716)
      495237.63   3760939.31        0.84695  (12121716)               495298.45
      3761048.56        0.72163  (12121716)
      490844.43   3759375.83        0.17323  (12021516)               490895.79
      3759357.70        0.18495  (12021516)
      490596.67   3759246.67        0.14705  (12021516)               489103.59
      3759859.22        0.11346  (15122215)
      488940.48   3759893.26        0.11404  (15122215)               488472.34
      3759865.64        0.11301  (15122215)
      488432.53   3759884.27        0.11380  (16012009)               488713.15
      3759827.76        0.11300  (15122215)
      487562.29   3760285.62        0.11978  (14120216)               487809.35
      3760420.86        0.12330  (14120216)
      487553.10   3761208.24        0.16913  (16102416)               487899.76
      3760972.40        0.15198  (16102416)
      487983.18   3762301.23        0.22478  (16123016)               487913.66
      3762403.25        0.22741  (16123016)
      487890.59   3762238.09        0.21514  (16123016)               488190.14
      3762513.88        0.23424  (16123016)
      488424.39   3762586.51        0.23274  (16123016)               488657.54
      3762495.87        0.25116  (16123016)
      488908.17   3762583.23        0.24665  (16123016)               489170.26
      3762660.77        0.23482  (16123016)
      489382.17   3762809.64        0.20860  (14120316)               489294.91
      3762783.65        0.20735  (12012316)
      489889.72   3762661.22        0.27947  (14120316)               490022.93
      3762783.29        0.37160  (14120316)
      490423.96   3762839.25        0.55386  (14120316)               490375.94
      3762870.37        0.53849  (14120316)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:10:40

                    PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                              VOL6        , VOL7        , VOL8        ,
                 VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                 VOL18       , VOL19       , VOL20       ,
                 VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                 VOL26       , VOL30       , VOL31       ,
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VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.71315	(14120316)	491132.33	3762903.51	0.75713	(14120316)
492828.06	3762200.49	1.62707	(16121516)	492961.55	3762258.51	0.97671	(13010916)
493033.99	3762272.60	0.94911	(16112816)	493032.31	3762205.18	0.91155	(14123016)
493087.32	3762215.25	0.86608	(14123016)	493079.94	3762296.41	0.87566	(16112816)
493163.79	3762367.18	0.63509	(14123016)	493068.87	3762510.05	0.77602	(12022716)
493101.07	3762454.71	0.74525	(16112816)	493281.84	3762369.19	0.60590	(14123016)
493351.51	3762095.42	1.27097	(12022716)	493439.48	3762105.84	1.47325	(12022716)
493972.90	3763044.23	0.48763	(13121916)	493957.03	3763184.09	0.43953	(13121916)
493583.55	3763480.45	0.35755	(12022716)	493258.47	3763568.15	0.40113	(12022716)
492895.78	3763485.72	0.40542	(12022716)	493781.01	3761659.05	1.63894	(12121716)
493797.63	3761658.35	1.57710	(12121716)	493831.94	3761631.47	1.55563	(12121716)
493900.20	3761664.01	1.23544	(12121716)	493918.59	3761666.13	1.18559	(12121716)
493929.55	3761662.24	1.16663	(12121716)	493945.82	3761667.90	1.11210	(12121716)
493758.37	3761524.30	1.78129	(12121716)	493961.03	3761672.85	1.06513	(12121716)
493975.18	3761679.57	1.01918	(12121716)	493987.55	3761687.70	0.96668	(12121716)
493998.87	3761697.25	0.91654	(12121716)	494007.71	3761707.51	0.88308	(16112816)
494016.91	3761718.12	0.87182	(16112816)	494024.69	3761730.85	0.85047	(16112816)
492955.24	3762130.13	1.06198	(12121716)	492955.24	3761996.30	1.72196	(14120316)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN
MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR,	NETWORK

ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Cons PM10
Mit\15218 Ph1 Cons PM10 Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Cons PM10 Mit.err"
CO FINISHED
**
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** AERMOD Source Pathway
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**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
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LOCATION VOL64	VOLUME	494299.890	3761440.813	720.200
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL73	VOLUME	492653.133	3762004.898	692.950
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491861.261	3762124.498	685.420
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
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LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	492825.779	3761472.781	683.550
LOCATION VOL93	VOLUME	492967.447	3761484.753	687.340
LOCATION VOL94	VOLUME	492845.732	3761335.103	686.260
LOCATION VOL95	VOLUME	492957.471	3761347.075	682.030
LOCATION VOL96	VOLUME	493053.247	3761341.089	681.650
LOCATION VOL97	VOLUME	492857.704	3761195.429	687.650
LOCATION VOL98	VOLUME	492859.699	3761137.564	695.600
LOCATION VOL99	VOLUME	492951.485	3761205.406	673.090
LOCATION VOL100	VOLUME	493055.242	3761201.415	681.890
LOCATION VOL101	VOLUME	492999.373	3761127.588	677.270
LOCATION VOL102	VOLUME	492987.401	3760985.919	666.300
LOCATION VOL103	VOLUME	492843.737	3760985.919	681.780
LOCATION VOL104	VOLUME	492702.068	3760977.938	698.980
LOCATION VOL105	VOLUME	492558.404	3760973.947	697.920
LOCATION VOL106	VOLUME	492488.567	3761099.653	696.880
LOCATION VOL107	VOLUME	492484.576	3761239.327	698.820
LOCATION VOL108	VOLUME	492484.576	3761375.009	683.390
LOCATION VOL109	VOLUME	492512.511	3761498.720	678.640
LOCATION VOL110	VOLUME	492638.217	3761522.664	684.350
LOCATION VOL111	VOLUME	492735.988	3761530.645	683.000
LOCATION VOL112	VOLUME	493466.281	3761650.366	709.230
LOCATION VOL113	VOLUME	493609.945	3761660.342	697.620
LOCATION VOL114	VOLUME	493635.885	3761530.645	689.730
LOCATION VOL115	VOLUME	493697.740	3761396.958	687.940
LOCATION VOL116	VOLUME	493536.118	3761806.002	707.000
LOCATION VOL117	VOLUME	493402.430	3761815.978	709.730
LOCATION VOL118	VOLUME	493061.228	3761839.922	707.880
LOCATION VOL119	VOLUME	492923.550	3761867.857	695.860
LOCATION VOL120	VOLUME	492783.876	3761903.773	696.290
LOCATION VOL121	VOLUME	494266.597	3761195.116	700.290
LOCATION VOL122	VOLUME	494394.112	3761261.275	719.950
LOCATION VOL123	VOLUME	494442.000	3760953.994	701.880
LOCATION VOL124	VOLUME	494499.865	3760866.199	700.670
LOCATION VOL125	VOLUME	491616.605	3762019.503	684.240
LOCATION VOL126	VOLUME	491640.549	3762141.218	684.320
LOCATION VOL127	VOLUME	491758.274	3762171.148	686.490
LOCATION VOL128	VOLUME	491582.685	3762278.896	683.100
LOCATION VOL129	VOLUME	491540.783	3762416.574	667.010

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   LOCATION VOL130       VOLUME     491672.475  3762478.430      680.300
   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION PAREA1       AREAPOLY   494381.693  3760940.545      698.620
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
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   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
** Source Parameters **
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SRCPARAM VOL96        0.0001259979     5.000    31.816     1.400
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SRCPARAM VOL99        0.0001259979     5.000    31.816     1.400
SRCPARAM VOL100       0.0001259979     5.000    31.816     1.400
SRCPARAM VOL101       0.0001259979     5.000    31.816     1.400
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SRCPARAM VOL109       0.0001259979     5.000    31.816     1.400
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AREAVERT PAREA1       494194.261 3761174.405 494037.881 3761154.819
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AREAVERT PAREA1       493701.916 3761333.387 493668.867 3761328.780
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AREAVERT PAREA1       493140.780 3761008.050 493111.972 3760999.417
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AREAVERT PAREA1       493611.587 3761468.800 493582.946 3761616.775
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   AREAVERT PAREA1       492668.048 3761941.365 492621.905 3761963.641
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   AREAVERT PAREA1       491527.209 3761763.159 491566.987 3761853.853
   AREAVERT PAREA1       491622.676 3761950.912 491858.163 3761960.458
   AREAVERT PAREA1       491854.981 3762157.758 491727.691 3762164.123
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   AREAVERT PAREA1       492259.128 3762351.876 492349.822 3762334.374
   AREAVERT PAREA1       492830.343 3762334.374 492866.939 3762313.689
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   AREAVERT PAREA1       492704.644 3762208.674 492677.594 3762186.399
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   AREAVERT PAREA1       493880.488 3761341.509 493916.680 3761379.092
   AREAVERT PAREA1       493979.110 3761332.641 494001.161 3761317.390
   AREAVERT PAREA1       494029.953 3761315.648 494080.818 3761329.817
   AREAVERT PAREA1       494188.965 3761331.408 494182.802 3761432.204
   AREAVERT PAREA1       494198.713 3761476.755 494233.718 3761500.622
   AREAVERT PAREA1       494338.581 3761511.357 494366.234 3761456.581
   AREAVERT PAREA1       494379.749 3761376.061 494214.322 3761345.779
   AREAVERT PAREA1       494277.816 3761186.767 494434.884 3760975.197
   AREAVERT PAREA1       494380.102 3760945.318
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   SRCPARAM VOL134       0.0001259979     5.000    31.816     1.400
   SRCPARAM VOL135       0.0001259979     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL69        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL70        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL71        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL72        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL73        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL74        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL75        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL76        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL77        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL78        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL79        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL80        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL81        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL82        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL83        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL84        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL85        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL86        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL87        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL88        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL89        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL90        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL91        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Cons PM10 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
```

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ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH1 CONS PM10 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph1 Cons PM10 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1847       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1847       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   101 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

```
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:    101 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    100 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph1 Cons PM10
 Mit.err
 **File for Summary of Results:   15218 Ph1 Cons PM10
 Mit.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                      PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
```

(METERS) BY

VOL4	0	0.12600E-03	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL5	0	0.12600E-03	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES HRDOW		NO						
VOL6	0	0.12600E-03	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES HRDOW		NO						
VOL7	0	0.12600E-03	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES HRDOW		NO						
VOL8	0	0.12600E-03	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES HRDOW		NO						
VOL9	0	0.12600E-03	493105.9	3761467.1	684.4	5.00	31.82	1.40
YES HRDOW		NO						
VOL10	0	0.12600E-03	493239.1	3761465.8	689.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL11	0	0.12600E-03	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL16	0	0.12600E-03	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES HRDOW		NO						
VOL17	0	0.12600E-03	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES HRDOW		NO						
VOL18	0	0.12600E-03	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES HRDOW		NO						
VOL19	0	0.12600E-03	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES HRDOW		NO						
VOL20	0	0.12600E-03	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES HRDOW		NO						
VOL21	0	0.12600E-03	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL22	0	0.12600E-03	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES HRDOW		NO						
VOL23	0	0.12600E-03	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL24	0	0.12600E-03	493893.2	3761268.9	696.5	5.00	31.82	1.40
YES HRDOW		NO						
VOL25	0	0.12600E-03	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES HRDOW		NO						
VOL26	0	0.12600E-03	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES HRDOW		NO						
VOL30	0	0.12600E-03	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES HRDOW		NO						
VOL31	0	0.12600E-03	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES HRDOW		NO						
VOL35	0	0.12600E-03	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES HRDOW		NO						
VOL36	0	0.12600E-03	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES HRDOW		NO						
VOL37	0	0.12600E-03	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES HRDOW		NO						
VOL46	0	0.12600E-03	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL47	0	0.12600E-03	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES HRDOW		NO						
VOL48	0	0.12600E-03	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES HRDOW		NO						
VOL63	0	0.12600E-03	494331.8	3761044.0	704.8	5.00	31.82	1.40
YES HRDOW		NO						
VOL64	0	0.12600E-03	494299.9	3761440.8	720.2	5.00	31.82	1.40
YES HRDOW		NO						
VOL65	0	0.12600E-03	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES HRDOW		NO						
VOL66	0	0.12600E-03	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES HRDOW		NO						

VOL67 0 0.12600E-03 491836.8 3762255.5 683.4 5.00 31.82 1.40
YES HRDOW NO
VOL68 0 0.12600E-03 492112.2 3762179.4 689.5 5.00 31.82 1.40
YES HRDOW NO
VOL69 0 0.12600E-03 491694.4 3762248.6 690.2 5.00 31.82 1.40
YES HRDOW NO
VOL70 0 0.12600E-03 492517.7 3762136.8 695.7 5.00 31.82 1.40
YES HRDOW NO
VOL71 0 0.12600E-03 492381.8 3762134.3 693.9 5.00 31.82 1.40
YES HRDOW NO
VOL72 0 0.12600E-03 492248.5 3762143.5 690.0 5.00 31.82 1.40
YES HRDOW NO
VOL73 0 0.12600E-03 492653.1 3762004.9 692.9 5.00 31.82 1.40
YES HRDOW NO
VOL74 0 0.12600E-03 491979.9 3762077.8 692.8 5.00 31.82 1.40
YES HRDOW NO
VOL75 0 0.12600E-03 491861.3 3762124.5 685.4 5.00 31.82 1.40
YES HRDOW NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL76	0	0.12600E-03	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL77	0	0.12600E-03	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL78	0	0.12600E-03	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES	HRDOW	NO						
VOL79	0	0.12600E-03	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES	HRDOW	NO						
VOL80	0	0.12600E-03	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL81	0	0.12600E-03	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL82	0	0.12600E-03	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL83	0	0.12600E-03	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL84	0	0.12600E-03	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES	HRDOW	NO						
VOL85	0	0.12600E-03	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL86	0	0.12600E-03	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES	HRDOW	NO						
VOL87	0	0.12600E-03	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES	HRDOW	NO						
VOL88	0	0.12600E-03	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES	HRDOW	NO						
VOL89	0	0.12600E-03	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES	HRDOW	NO						

```
 VOL90            0   0.12600E-03  491592.6 3761743.6   657.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL91            0   0.12600E-03  491801.8 3762386.9   675.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL92            0   0.12600E-03  492825.8 3761472.8   683.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL93            0   0.12600E-03  492967.4 3761484.8   687.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL94            0   0.12600E-03  492845.7 3761335.1   686.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL95            0   0.12600E-03  492957.5 3761347.1   682.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL96            0   0.12600E-03  493053.2 3761341.1   681.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL97            0   0.12600E-03  492857.7 3761195.4   687.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL98            0   0.12600E-03  492859.7 3761137.6   695.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL99            0   0.12600E-03  492951.5 3761205.4   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL100           0   0.12600E-03  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL101           0   0.12600E-03  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL102           0   0.12600E-03  492987.4 3760985.9   666.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL103           0   0.12600E-03  492843.7 3760985.9   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL104           0   0.12600E-03  492702.1 3760977.9   699.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL105           0   0.12600E-03  492558.4 3760973.9   697.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL106           0   0.12600E-03  492488.6 3761099.7   696.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL107           0   0.12600E-03  492484.6 3761239.3   698.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL108           0   0.12600E-03  492484.6 3761375.0   683.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL109           0   0.12600E-03  492512.5 3761498.7   678.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL110           0   0.12600E-03  492638.2 3761522.7   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL111           0   0.12600E-03  492736.0 3761530.6   683.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL112           0   0.12600E-03  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL113           0   0.12600E-03  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL114           0   0.12600E-03  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL115           0   0.12600E-03  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:18:28

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
```

SOURCE ID	SCALAR VARY CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
VOL116	0	0.12600E-03	493536.1	3761806.0	707.0	5.00	31.82	1.40	YES HRDOW NO
VOL117	0	0.12600E-03	493402.4	3761816.0	709.7	5.00	31.82	1.40	YES HRDOW NO
VOL118	0	0.12600E-03	493061.2	3761839.9	707.9	5.00	31.82	1.40	YES HRDOW NO
VOL119	0	0.12600E-03	492923.5	3761867.9	695.9	5.00	31.82	1.40	YES HRDOW NO
VOL120	0	0.12600E-03	492783.9	3761903.8	696.3	5.00	31.82	1.40	YES HRDOW NO
VOL121	0	0.12600E-03	494266.6	3761195.1	700.3	5.00	31.82	1.40	YES HRDOW NO
VOL122	0	0.12600E-03	494394.1	3761261.3	719.9	5.00	31.82	1.40	YES HRDOW NO
VOL123	0	0.12600E-03	494442.0	3760954.0	701.9	5.00	31.82	1.40	YES HRDOW NO
VOL124	0	0.12600E-03	494499.9	3760866.2	700.7	5.00	31.82	1.40	YES HRDOW NO
VOL125	0	0.12600E-03	491616.6	3762019.5	684.2	5.00	31.82	1.40	YES HRDOW NO
VOL126	0	0.12600E-03	491640.5	3762141.2	684.3	5.00	31.82	1.40	YES HRDOW NO
VOL127	0	0.12600E-03	491758.3	3762171.1	686.5	5.00	31.82	1.40	YES HRDOW NO
VOL128	0	0.12600E-03	491582.7	3762278.9	683.1	5.00	31.82	1.40	YES HRDOW NO
VOL129	0	0.12600E-03	491540.8	3762416.6	667.0	5.00	31.82	1.40	YES HRDOW NO
VOL130	0	0.12600E-03	491672.5	3762478.4	680.3	5.00	31.82	1.40	YES HRDOW NO
VOL131	0	0.12600E-03	491542.8	3762512.3	678.7	5.00	31.82	1.40	YES HRDOW NO
VOL132	0	0.12600E-03	494202.6	3761397.0	715.8	5.00	31.82	1.40	YES HRDOW NO
VOL133	0	0.12600E-03	494312.7	3760935.8	695.0	5.00	31.82	1.40	YES HRDOW NO
VOL134	0	0.12600E-03	493756.1	3761285.4	684.6	5.00	31.82	1.40	YES HRDOW NO
VOL135	0	0.12600E-03	491584.8	3761865.1	668.3	5.00	31.82	1.40	YES HRDOW NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	SCALAR VARY BY

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
	VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 ,
	VOL46 , VOL47 , VOL48 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 ,
	VOL68 , VOL69 , VOL70 , VOL71 , VOL72 , VOL73 , VOL74 , VOL75 ,
	VOL76 , VOL77 , VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
	VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
	VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
	VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
	VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
	VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
	VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
	VOL132 , PAREA1 , VOL133 , VOL134 , VOL135 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

```
             2189641.   VOL4        , VOL5        , VOL6        , VOL7        , VOL8        ,
             VOL9        , VOL10       ,
VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,

             VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
             VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,

             VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
             VOL122      , VOL123      ,

             VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
             VOL130      , VOL131      ,

             VOL132      , PAREA1      , VOL133      , VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        11:18:28

                     PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL23   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL24   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL25        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL26        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:18:28

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:18:28

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

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 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:18:28

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL35        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL71 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL74 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:18:28

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL75 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL76 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL77 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                      PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL78        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                      PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL79        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL80 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL82 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL83   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL85 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL87 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL88 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL89 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL90 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                     PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL96        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                     PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL97        ; SOURCE TYPE = VOLUME   :
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```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       11:18:28

                      PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL98        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       11:18:28
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:18:28

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL101 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL102 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL103 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                     PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL105       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                     PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL112 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:18:28

PAGE 93
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL121 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SOURCE ID = VOL122       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:18:28

                      PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL123       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);

(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);

(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5

```
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                      PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                 VOL6        , VOL7        , VOL8        ,
                   VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                   VOL18       , VOL19       , VOL20       ,
                   VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                   VOL26       , VOL30       , VOL31       ,
                   VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                   VOL48       , VOL63       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN
                                     MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
        493343.85   3762037.28        0.07267  (13121924)               493409.97
        3761986.39        0.08727  (12022724)
        493417.46   3761972.99        0.09108  (12022724)               493468.31
        3761958.40        0.08721  (12022724)
        493499.84   3761947.37        0.08542  (12022724)               493614.36
        3761892.81        0.10923  (13112024)
        493613.66   3761905.05        0.09209  (13112024)               493614.36
        3761917.12        0.08047  (13112024)
        493614.36   3761927.44        0.07354  (13112024)               493613.31
        3761940.20        0.06707  (13112024)
        493616.46   3761952.10        0.06219  (13112024)               493615.23
        3761961.71        0.05911  (13112024)
        493614.53   3761973.78        0.05638  (12022724)               493614.01
        3761984.98        0.05450  (12022724)
        493613.66   3761996.52        0.05296  (12022724)               493614.18
        3762007.36        0.05159  (12022724)
        493615.76   3762018.56        0.05022  (12022724)               493614.71
        3762025.73        0.04963  (12022724)
        493614.36   3762035.00        0.04884  (12022724)               493613.13
        3762043.74        0.04827  (12022724)
        493613.66   3762052.14        0.04758  (12022724)               493613.83
        3762061.58        0.04691  (12022724)
```

```
       493614.18   3762071.55        0.04624  (12022724)               493696.46
       3761742.53        0.09702  (13112024)
       493707.35   3761768.92        0.08843  (13112024)               493727.98
       3761742.80        0.07921  (13112024)
       493755.61   3761733.69        0.06926m (15123124)               493750.48
       3761720.58        0.07214m (15123124)
       493745.92   3761709.48        0.07472m (15123124)               493741.37
       3761696.95        0.07760m (15123124)
       493738.52   3761681.00        0.08054m (15123124)               493737.38
       3761663.91        0.08297m (15123124)
       493736.52   3761651.38        0.08485m (15123124)               494418.08
       3761416.13        0.12141c (13031924)
       494473.73   3761368.11        0.08828m (15123124)               494939.85
       3761394.35        0.04585  (15012024)
       494686.37   3761403.42        0.05274  (15012024)               494575.98
       3761568.60        0.04462  (15012024)
       494541.49   3761602.79        0.04288  (15012024)               494822.53
       3761435.24        0.04689  (15012024)
       494846.18   3761504.63        0.04355  (15012024)               494841.06
       3761535.78        0.04233  (15012024)
       494837.90   3761553.12        0.04163  (15012024)               494885.61
       3761199.09        0.05299  (15012024)
       494976.68   3761325.65        0.04685  (15012024)               494985.35
       3761366.25        0.04558  (15012024)
       495070.90   3761299.23        0.04560  (15012024)               495115.47
       3760632.60        0.05811  (16122224)
       495069.03   3760685.30        0.05972  (16122224)               495087.55
       3760728.31        0.05856  (16122224)
       495079.90   3760834.52        0.05442  (14013024)               495202.38
       3760883.65        0.05014  (14013024)
       495237.63   3760939.31        0.04755  (14013024)               495298.45
       3761048.56        0.04375  (15012024)
       490844.43   3759375.83        0.02174  (13012524)               490895.79
       3759357.70        0.02127  (13012524)
       490596.67   3759246.67        0.02071  (13012524)               489103.59
       3759859.22        0.02815  (13012524)
       488940.48   3759893.26        0.02809  (13012524)               488472.34
       3759865.64        0.02667  (13012524)
       488432.53   3759884.27        0.02636  (13012524)               488713.15
       3759827.76        0.02757  (13012524)
       487562.29   3760285.62        0.01517  (15122224)               487809.35
       3760420.86        0.01531  (15122224)
       487553.10   3761208.24        0.01646  (13012224)               487899.76
       3760972.40        0.01761  (13012224)
       487983.18   3762301.23        0.02826m (13123124)               487913.66
       3762403.25        0.02873m (13123124)
       487890.59   3762238.09        0.02700m (13123124)               488190.14
       3762513.88        0.03063m (13123124)
       488424.39   3762586.51        0.03158m (13123124)               488657.54
       3762495.87        0.03332m (13123124)
       488908.17   3762583.23        0.03413m (13123124)               489170.26
       3762660.77        0.03439m (13123124)
       489382.17   3762809.64        0.03072m (13123124)               489294.91
       3762783.65        0.03157m (13123124)
       489889.72   3762661.22        0.03632m (13123124)               490022.93
       3762783.29        0.03519  (15011224)
       490423.96   3762839.25        0.04131  (14120324)               490375.94
       3762870.37        0.04076  (14120324)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:18:28

                     PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.06590	(16010524)	491132.33	3762903.51	0.05568	(16010524)
492828.06	3762200.49	0.18488	(12042324)	492961.55	3762258.51	0.10927	(16011524)
493033.99	3762272.60	0.08207	(16112824)	493032.31	3762205.18	0.07167	(16011524)
493087.32	3762215.25	0.06268	(16011524)	493079.94	3762296.41	0.07538	(16112824)
493163.79	3762367.18	0.06530	(16112824)	493068.87	3762510.05	0.05665	(16112824)
493101.07	3762454.71	0.06885	(16112824)	493281.84	3762369.19	0.05074	(16112824)
493351.51	3762095.42	0.06050	(16122224)	493439.48	3762105.84	0.05315	(12022724)
493972.90	3763044.23	0.02346	(14012424)	493957.03	3763184.09	0.02148	(16122224)
493583.55	3763480.45	0.02644	(16122224)	493258.47	3763568.15	0.03282	(16122224)
492895.78	3763485.72	0.03765	(16122224)	493781.01	3761659.05	0.07126m	(15123124)
493797.63	3761658.35	0.06818m	(15123124)	493831.94	3761631.47	0.06567	(16112824)
493900.20	3761664.01	0.05712	(16112824)	493918.59	3761666.13	0.05574	(16112824)
493929.55	3761662.24	0.05534	(16112824)	493945.82	3761667.90	0.05366	(16112824)
493758.37	3761524.30	0.08657m	(15123124)	493961.03	3761672.85	0.05232	(16112824)
493975.18	3761679.57	0.05123	(16112824)	493987.55	3761687.70	0.05007	(16112824)
493998.87	3761697.25	0.04899	(16112824)	494007.71	3761707.51	0.04791	(16112824)
494016.91	3761718.12	0.04674	(16112824)	494024.69	3761730.85	0.04580	(16112824)
492955.24	3762130.13	0.09171m	(15123124)	492955.24	3761996.30	0.09749	(16122224)

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.18488	ON 12042324: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1847 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1847 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Cons PM25
Mit\15218 Ph1 Cons PM25 Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Cons PM25 Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
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LOCATION VOL64	VOLUME	494299.890	3761440.813	720.200
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL73	VOLUME	492653.133	3762004.898	692.950
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491861.261	3762124.498	685.420
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LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
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LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	492825.779	3761472.781	683.550
LOCATION VOL93	VOLUME	492967.447	3761484.753	687.340
LOCATION VOL94	VOLUME	492845.732	3761335.103	686.260
LOCATION VOL95	VOLUME	492957.471	3761347.075	682.030
LOCATION VOL96	VOLUME	493053.247	3761341.089	681.650
LOCATION VOL97	VOLUME	492857.704	3761195.429	687.650
LOCATION VOL98	VOLUME	492859.699	3761137.564	695.600
LOCATION VOL99	VOLUME	492951.485	3761205.406	673.090
LOCATION VOL100	VOLUME	493055.242	3761201.415	681.890
LOCATION VOL101	VOLUME	492999.373	3761127.588	677.270
LOCATION VOL102	VOLUME	492987.401	3760985.919	666.300
LOCATION VOL103	VOLUME	492843.737	3760985.919	681.780
LOCATION VOL104	VOLUME	492702.068	3760977.938	698.980
LOCATION VOL105	VOLUME	492558.404	3760973.947	697.920
LOCATION VOL106	VOLUME	492488.567	3761099.653	696.880
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LOCATION VOL108	VOLUME	492484.576	3761375.009	683.390
LOCATION VOL109	VOLUME	492512.511	3761498.720	678.640
LOCATION VOL110	VOLUME	492638.217	3761522.664	684.350
LOCATION VOL111	VOLUME	492735.988	3761530.645	683.000
LOCATION VOL112	VOLUME	493466.281	3761650.366	709.230
LOCATION VOL113	VOLUME	493609.945	3761660.342	697.620
LOCATION VOL114	VOLUME	493635.885	3761530.645	689.730
LOCATION VOL115	VOLUME	493697.740	3761396.958	687.940
LOCATION VOL116	VOLUME	493536.118	3761806.002	707.000
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LOCATION VOL118	VOLUME	493061.228	3761839.922	707.880
LOCATION VOL119	VOLUME	492923.550	3761867.857	695.860
LOCATION VOL120	VOLUME	492783.876	3761903.773	696.290
LOCATION VOL121	VOLUME	494266.597	3761195.116	700.290
LOCATION VOL122	VOLUME	494394.112	3761261.275	719.950
LOCATION VOL123	VOLUME	494442.000	3760953.994	701.880
LOCATION VOL124	VOLUME	494499.865	3760866.199	700.670
LOCATION VOL125	VOLUME	491616.605	3762019.503	684.240
LOCATION VOL126	VOLUME	491640.549	3762141.218	684.320
LOCATION VOL127	VOLUME	491758.274	3762171.148	686.490
LOCATION VOL128	VOLUME	491582.685	3762278.896	683.100
LOCATION VOL129	VOLUME	491540.783	3762416.574	667.010

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   LOCATION VOL130       VOLUME     491672.475  3762478.430      680.300
   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION PAREA1       AREAPOLY   494381.693  3760940.545      698.620
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
   LOCATION VOL134       VOLUME     493756.133  3761285.416      684.640
   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
** Source Parameters **
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   AREAVERT PAREA1       494029.953 3761315.648 494080.818 3761329.817
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   AREAVERT PAREA1       494198.713 3761476.755 494233.718 3761500.622
   AREAVERT PAREA1       494338.581 3761511.357 494366.234 3761456.581
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   SRCPARAM VOL134       0.0001244229     5.000    31.816     1.400
   SRCPARAM VOL135       0.0001244229     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL69        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL69        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL70        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL70        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL71        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL71        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL72        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL72        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL73        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL73        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL74        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL74        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL75        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL75        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL76        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL76        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL77        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL77        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL78        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL78        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL79        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL79        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL80        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL80        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL81        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL81        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL82        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL82        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL83        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL83        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL84        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL84        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL85        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL85        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL86        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL86        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL87        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL87        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL88        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL88        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL89        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL89        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL90        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL90        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL91        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL91        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
```

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   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Cons PM25 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
```

```
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH1 CONS PM25 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph1 Cons PM25 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1847       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1847       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   101 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

```
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:    101 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    100 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph1 Cons PM25
 Mit.err
 **File for Summary of Results:   15218 Ph1 Cons PM25
 Mit.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                      PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
```

(METERS) BY

VOL4		0	0.12442E-03	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL5		0	0.12442E-03	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES	HRDOW		NO						
VOL6		0	0.12442E-03	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL7		0	0.12442E-03	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL8		0	0.12442E-03	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES	HRDOW		NO						
VOL9		0	0.12442E-03	493105.9	3761467.1	684.4	5.00	31.82	1.40
YES	HRDOW		NO						
VOL10		0	0.12442E-03	493239.1	3761465.8	689.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL11		0	0.12442E-03	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL16		0	0.12442E-03	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL17		0	0.12442E-03	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES	HRDOW		NO						
VOL18		0	0.12442E-03	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL19		0	0.12442E-03	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES	HRDOW		NO						
VOL20		0	0.12442E-03	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES	HRDOW		NO						
VOL21		0	0.12442E-03	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL22		0	0.12442E-03	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL23		0	0.12442E-03	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL24		0	0.12442E-03	493893.2	3761268.9	696.5	5.00	31.82	1.40
YES	HRDOW		NO						
VOL25		0	0.12442E-03	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES	HRDOW		NO						
VOL26		0	0.12442E-03	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL30		0	0.12442E-03	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES	HRDOW		NO						
VOL31		0	0.12442E-03	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL35		0	0.12442E-03	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES	HRDOW		NO						
VOL36		0	0.12442E-03	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL37		0	0.12442E-03	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL46		0	0.12442E-03	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL47		0	0.12442E-03	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL48		0	0.12442E-03	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES	HRDOW		NO						
VOL63		0	0.12442E-03	494331.8	3761044.0	704.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL64		0	0.12442E-03	494299.9	3761440.8	720.2	5.00	31.82	1.40
YES	HRDOW		NO						
VOL65		0	0.12442E-03	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL66		0	0.12442E-03	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES	HRDOW		NO						

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 VOL67            0   0.12442E-03  491836.8 3762255.5   683.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL68            0   0.12442E-03  492112.2 3762179.4   689.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL69            0   0.12442E-03  491694.4 3762248.6   690.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL70            0   0.12442E-03  492517.7 3762136.8   695.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL71            0   0.12442E-03  492381.8 3762134.3   693.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL72            0   0.12442E-03  492248.5 3762143.5   690.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL73            0   0.12442E-03  492653.1 3762004.9   692.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL74            0   0.12442E-03  491979.9 3762077.8   692.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL75            0   0.12442E-03  491861.3 3762124.5   685.4     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:27:32

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - -

 VOL76            0   0.12442E-03  492112.2 3762045.6   687.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL77            0   0.12442E-03  492234.6 3761900.7   682.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL78            0   0.12442E-03  492517.7 3762002.9   686.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL79            0   0.12442E-03  492381.8 3762000.4   683.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL80            0   0.12442E-03  492248.5 3762009.6   684.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL81            0   0.12442E-03  492101.1 3761906.6   686.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL82            0   0.12442E-03  491981.9 3761950.4   678.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL83            0   0.12442E-03  491977.0 3761816.6   673.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL84            0   0.12442E-03  491928.4 3761984.5   688.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL85            0   0.12442E-03  491930.8 3761843.4   679.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL86            0   0.12442E-03  491794.5 3761889.6   686.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL87            0   0.12442E-03  491658.3 3761877.4   655.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL88            0   0.12442E-03  491835.9 3761787.4   683.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL89            0   0.12442E-03  491702.1 3761770.4   661.0     5.00    31.82     1.40
 YES   HRDOW           NO
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 VOL90            0   0.12442E-03  491592.6 3761743.6   657.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL91            0   0.12442E-03  491801.8 3762386.9   675.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL92            0   0.12442E-03  492825.8 3761472.8   683.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL93            0   0.12442E-03  492967.4 3761484.8   687.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL94            0   0.12442E-03  492845.7 3761335.1   686.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL95            0   0.12442E-03  492957.5 3761347.1   682.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL96            0   0.12442E-03  493053.2 3761341.1   681.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL97            0   0.12442E-03  492857.7 3761195.4   687.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL98            0   0.12442E-03  492859.7 3761137.6   695.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL99            0   0.12442E-03  492951.5 3761205.4   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL100           0   0.12442E-03  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL101           0   0.12442E-03  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL102           0   0.12442E-03  492987.4 3760985.9   666.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL103           0   0.12442E-03  492843.7 3760985.9   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL104           0   0.12442E-03  492702.1 3760977.9   699.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL105           0   0.12442E-03  492558.4 3760973.9   697.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL106           0   0.12442E-03  492488.6 3761099.7   696.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL107           0   0.12442E-03  492484.6 3761239.3   698.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL108           0   0.12442E-03  492484.6 3761375.0   683.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL109           0   0.12442E-03  492512.5 3761498.7   678.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL110           0   0.12442E-03  492638.2 3761522.7   684.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL111           0   0.12442E-03  492736.0 3761530.6   683.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL112           0   0.12442E-03  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL113           0   0.12442E-03  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL114           0   0.12442E-03  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL115           0   0.12442E-03  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:27:32

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
```

SOURCE ID	SCALAR VARY CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
VOL116	0	0.12442E-03	493536.1	3761806.0	707.0	5.00	31.82	1.40	YES HRDOW
VOL117	0	0.12442E-03	493402.4	3761816.0	709.7	5.00	31.82	1.40	YES HRDOW
VOL118	0	0.12442E-03	493061.2	3761839.9	707.9	5.00	31.82	1.40	YES HRDOW
VOL119	0	0.12442E-03	492923.5	3761867.9	695.9	5.00	31.82	1.40	YES HRDOW
VOL120	0	0.12442E-03	492783.9	3761903.8	696.3	5.00	31.82	1.40	YES HRDOW
VOL121	0	0.12442E-03	494266.6	3761195.1	700.3	5.00	31.82	1.40	YES HRDOW
VOL122	0	0.12442E-03	494394.1	3761261.3	719.9	5.00	31.82	1.40	YES HRDOW
VOL123	0	0.12442E-03	494442.0	3760954.0	701.9	5.00	31.82	1.40	YES HRDOW
VOL124	0	0.12442E-03	494499.9	3760866.2	700.7	5.00	31.82	1.40	YES HRDOW
VOL125	0	0.12442E-03	491616.6	3762019.5	684.2	5.00	31.82	1.40	YES HRDOW
VOL126	0	0.12442E-03	491640.5	3762141.2	684.3	5.00	31.82	1.40	YES HRDOW
VOL127	0	0.12442E-03	491758.3	3762171.1	686.5	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.12442E-03	491582.7	3762278.9	683.1	5.00	31.82	1.40	YES HRDOW
VOL129	0	0.12442E-03	491540.8	3762416.6	667.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.12442E-03	491672.5	3762478.4	680.3	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.12442E-03	491542.8	3762512.3	678.7	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.12442E-03	494202.6	3761397.0	715.8	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.12442E-03	494312.7	3760935.8	695.0	5.00	31.82	1.40	YES HRDOW
VOL134	0	0.12442E-03	493756.1	3761285.4	684.6	5.00	31.82	1.40	YES HRDOW
VOL135	0	0.12442E-03	491584.8	3761865.1	668.3	5.00	31.82	1.40	YES HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE SCALAR VARY CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ BY

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
	VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 ,
	VOL46 , VOL47 , VOL48 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 ,
	VOL68 , VOL69 , VOL70 , VOL71 , VOL72 , VOL73 , VOL74 , VOL75 ,
	VOL76 , VOL77 , VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
	VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
	VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
	VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
	VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
	VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
	VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
	VOL132 , PAREA1 , VOL133 , VOL134 , VOL135 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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             2189641.   VOL4        , VOL5        , VOL6        , VOL7        , VOL8        ,
             VOL9        , VOL10       ,
VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,

             VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
             VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,

             VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
             VOL122      , VOL123      ,

             VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
             VOL130      , VOL131      ,

             VOL132      , PAREA1      , VOL133      , VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        11:27:32

                     PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

(HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL25        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL26        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:27:32

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:27:32

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:27:32

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL35        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL71 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL74 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:27:32

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL75 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL76 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL77 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL78 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL79 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL80 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL82 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL83   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL85 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL87 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL88 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL89 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL90 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL91 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                     PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL96        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                     PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL97        ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                      PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL98        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:27:32

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                      PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL101       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                      PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL102       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL103 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:27:32

PAGE 76
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL112 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                     PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL119       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                     PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL120       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:27:32

                     PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL121       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:27:32

                     PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL122       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        11:27:32

                      PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL123       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);

(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);

(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5

```
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:27:32

                      PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                  VOL6        , VOL7        , VOL8        ,
                    VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                    VOL18       , VOL19       , VOL20       ,
                    VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                    VOL26       , VOL30       , VOL31       ,
                    VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                    VOL48       , VOL63       ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_2.5   IN
                                    MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
        493343.85   3762037.28        0.02302  (13121924)               493409.97
        3761986.39        0.02860  (12022724)
        493417.46   3761972.99        0.02994  (12022724)               493468.31
        3761958.40        0.02906  (12022724)
        493499.84   3761947.37        0.02858  (12022724)               493614.36
        3761892.81        0.03350  (13112024)
        493613.66   3761905.05        0.02861  (13112024)               493614.36
        3761917.12        0.02523  (13112024)
        493614.36   3761927.44        0.02317  (13112024)               493613.31
        3761940.20        0.02172  (12022724)
        493616.46   3761952.10        0.02043  (12022724)               493615.23
        3761961.71        0.01973  (12022724)
        493614.53   3761973.78        0.01893  (12022724)               493614.01
        3761984.98        0.01827  (12022724)
        493613.66   3761996.52        0.01772  (12022724)               493614.18
        3762007.36        0.01723  (12022724)
        493615.76   3762018.56        0.01675  (12022724)               493614.71
        3762025.73        0.01652  (12022724)
        493614.36   3762035.00        0.01623  (12022724)               493613.13
        3762043.74        0.01601  (12022724)
        493613.66   3762052.14        0.01576  (12022724)               493613.83
        3762061.58        0.01551  (12022724)
```

493614.18 3762071.55 0.01526 (12022724) 493696.46
3761742.53 0.03053 (13112024)
493707.35 3761768.92 0.02763 (13112024) 493727.98
3761742.80 0.02503 (13112024)
493755.61 3761733.69 0.02195 (13112024) 493750.48
3761720.58 0.02289 (13112024)
493745.92 3761709.48 0.02376 (13112024) 493741.37
3761696.95 0.02477m (15123124)
493738.52 3761681.00 0.02585m (15123124) 493737.38
3761663.91 0.02675m (15123124)
493736.52 3761651.38 0.02742m (15123124) 494418.08
3761416.13 0.03653 (12042324)
494473.73 3761368.11 0.02734 (12042324) 494939.85
3761394.35 0.01314 (15012024)
494686.37 3761403.42 0.01523 (15012024) 494575.98
3761568.60 0.01333 (16112824)
494541.49 3761602.79 0.01253 (15012024) 494822.53
3761435.24 0.01348 (15012024)
494846.18 3761504.63 0.01252 (15012024) 494841.06
3761535.78 0.01218 (15012024)
494837.90 3761553.12 0.01199 (15012024) 494885.61
3761199.09 0.01525 (15012024)
494976.68 3761325.65 0.01343 (15012024) 494985.35
3761366.25 0.01306 (15012024)
495070.90 3761299.23 0.01305 (15012024) 495115.47
3760632.60 0.01719 (16122224)
495069.03 3760685.30 0.01766 (16122224) 495087.55
3760728.31 0.01731 (16122224)
495079.90 3760834.52 0.01582 (14013024) 495202.38
3760883.65 0.01457 (14013024)
495237.63 3760939.31 0.01383 (14013024) 495298.45
3761048.56 0.01254 (15012024)
490844.43 3759375.83 0.00649 (13012524) 490895.79
3759357.70 0.00636 (13012524)
490596.67 3759246.67 0.00619 (13012524) 489103.59
3759859.22 0.00813 (13012524)
488940.48 3759893.26 0.00809 (13012524) 488472.34
3759865.64 0.00763 (13012524)
488432.53 3759884.27 0.00754 (13012524) 488713.15
3759827.76 0.00791 (13012524)
487562.29 3760285.62 0.00452 (15122224) 487809.35
3760420.86 0.00458 (15122224)
487553.10 3761208.24 0.00456 (13012224) 487899.76
3760972.40 0.00488 (13012224)
487983.18 3762301.23 0.00781m (13123124) 487913.66
3762403.25 0.00793m (13123124)
487890.59 3762238.09 0.00747m (13123124) 488190.14
3762513.88 0.00845m (13123124)
488424.39 3762586.51 0.00872m (13123124) 488657.54
3762495.87 0.00921m (13123124)
488908.17 3762583.23 0.00944m (13123124) 489170.26
3762660.77 0.00954m (13123124)
489382.17 3762809.64 0.00857m (13123124) 489294.91
3762783.65 0.00879m (13123124)
489889.72 3762661.22 0.01015m (13123124) 490022.93
3762783.29 0.00971 (15011224)
490423.96 3762839.25 0.01206 (14120324) 490375.94
3762870.37 0.01189 (14120324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.02026	(16010524)	491132.33	3762903.51	0.01732	(16010524)
492828.06	3762200.49	0.05622	(12042324)	492961.55	3762258.51	0.03341	(16011524)
493033.99	3762272.60	0.02452	(16112824)	493032.31	3762205.18	0.02222	(16011524)
493087.32	3762215.25	0.01944	(16011524)	493079.94	3762296.41	0.02247	(16112824)
493163.79	3762367.18	0.01912	(16112824)	493068.87	3762510.05	0.01677	(16112824)
493101.07	3762454.71	0.02023	(16112824)	493281.84	3762369.19	0.01514	(16112824)
493351.51	3762095.42	0.01860	(13121924)	493439.48	3762105.84	0.01735	(12022724)
493972.90	3763044.23	0.00719	(14012424)	493957.03	3763184.09	0.00660	(16122224)
493583.55	3763480.45	0.00796	(16122224)	493258.47	3763568.15	0.00970	(16122224)
492895.78	3763485.72	0.01109	(16122224)	493781.01	3761659.05	0.02271m	(15123124)
493797.63	3761658.35	0.02166m	(15123124)	493831.94	3761631.47	0.02065m	(15123124)
493900.20	3761664.01	0.01788	(16112824)	493918.59	3761666.13	0.01743	(16112824)
493929.55	3761662.24	0.01729	(16112824)	493945.82	3761667.90	0.01677	(16112824)
493758.37	3761524.30	0.02766m	(15123124)	493961.03	3761672.85	0.01635	(16112824)
493975.18	3761679.57	0.01600	(16112824)	493987.55	3761687.70	0.01564	(16112824)
493998.87	3761697.25	0.01530	(16112824)	494007.71	3761707.51	0.01497	(16112824)
494016.91	3761718.12	0.01461	(16112824)	494024.69	3761730.85	0.01431	(16112824)
492955.24	3762130.13	0.02785m	(15123124)	492955.24	3761996.30	0.03029	(16122224)

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.05622	ON 12042324: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 11:27:32

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1847 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1847 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/11/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Cons CO
Mit\15218 Ph2 Cons CO Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Cons CO Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL92        VOLUME     492131.209  3761283.446      684.740
   LOCATION VOL93        VOLUME     492405.396  3761167.060      697.630
   LOCATION VOL94        VOLUME     492989.765  3761059.418      667.250
   LOCATION VOL95        VOLUME     492406.875  3761303.706      693.800
   LOCATION VOL96        VOLUME     492264.580  3761164.382      686.740
   LOCATION VOL97        VOLUME     492262.221  3761065.742      678.880
   LOCATION VOL98        VOLUME     492851.027  3761061.620      685.880
   LOCATION VOL99        VOLUME     492268.137  3761302.950      695.440
   LOCATION VOL100       VOLUME     492734.376  3761330.737      695.130
   LOCATION VOL101       VOLUME     492732.017  3761189.211      696.100
   LOCATION VOL102       VOLUME     492714.491  3761063.823      701.170
   LOCATION VOL103       VOLUME     492700.960  3761466.348      683.000
   LOCATION VOL104       VOLUME     492600.042  3761332.939      685.130
   LOCATION VOL105       VOLUME     492597.683  3761191.413      696.620
   LOCATION VOL106       VOLUME     492580.157  3761066.025      698.940
   LOCATION VOL107       VOLUME     492562.190  3761461.155      684.110
   LOCATION VOL108       VOLUME     492544.987  3761317.524      683.050
   LOCATION VOL109       VOLUME     492542.629  3761175.998      698.260
   LOCATION VOL110       VOLUME     492406.794  3761031.384      681.780
   LOCATION VOL111       VOLUME     493157.846  3761044.961      679.560
   LOCATION VOL112       VOLUME     492547.645  3761006.352      698.000
   LOCATION VOL113       VOLUME     492686.384  3761006.352      700.840
   LOCATION VOL114       VOLUME     492827.324  3761010.756      686.200
   LOCATION VOL115       VOLUME     494155.246  3761385.129      718.090
   LOCATION VOL116       VOLUME     494005.497  3761391.736      716.150
   LOCATION VOL117       VOLUME     494278.568  3761268.413      705.410
   LOCATION VOL118       VOLUME     494351.241  3761308.052      709.780
   LOCATION VOL119       VOLUME     491794.496  3762014.956      683.700
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   LOCATION VOL120       VOLUME     491794.496  3762136.076      681.790
   LOCATION VOL121       VOLUME     491651.353  3762014.956      680.920
   LOCATION VOL122       VOLUME     491655.758  3762138.279      683.820
   LOCATION VOL123       VOLUME     491459.763  3761713.256      683.590
   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
** Source Parameters **
   SRCPARAM VOL92        0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL93        0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL94        0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL95        0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL96        0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL97        0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL98        0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL99        0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL100       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL101       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL102       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL103       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL104       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL105       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL106       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL107       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL108       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL109       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL110       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL111       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL112       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL113       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL114       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL115       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL116       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL117       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL118       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL119       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL120       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL121       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL122       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL123       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL124       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL125       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL126       0.0513224125     5.000    31.816     1.400
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   SRCPARAM VOL127       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL128       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL129       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL130       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL131       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL132       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL133       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL134       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL135       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL136       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL137       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL138       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL139       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL140       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL141       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL142       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL143       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL144       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL145       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL146       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL147       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL148       0.0513224125     5.000    31.816     1.400
   SRCPARAM VOL149       0.0513224125     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL136       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL137       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL138       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL139       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL140       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL141       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL142       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL143       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL144       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL145       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL146       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL147       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL148       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL149       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Cons CO Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
```

```
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH2 CONS CO MIT.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH2 CONS CO MIT.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph2 Cons CO Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1052       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1052       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    58 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
```

```
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:     58 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     58 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph2 Cons CO
 Mit.err
 **File for Summary of Results:   15218 Ph2 Cons CO
 Mit.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:53:50

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
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- - - -
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YES HRDOW NO
VOL124 0 0.51322E-01 491398.1 3761664.8 677.3 5.00 31.82 1.40
YES HRDOW NO
VOL125 0 0.51322E-01 491380.5 3761770.5 674.8 5.00 31.82 1.40
YES HRDOW NO
VOL126 0 0.51322E-01 491523.6 3761852.0 657.2 5.00 31.82 1.40
YES HRDOW NO
VOL127 0 0.51322E-01 491448.8 3761907.0 668.8 5.00 31.82 1.40
YES HRDOW NO
VOL128 0 0.51322E-01 492778.9 3761534.9 683.6 5.00 31.82 1.40
YES HRDOW NO
VOL129 0 0.51322E-01 492911.0 3761534.9 684.0 5.00 31.82 1.40
YES HRDOW NO
VOL130 0 0.51322E-01 493065.2 3761816.8 708.6 5.00 31.82 1.40
YES HRDOW NO
VOL131 0 0.51322E-01 493058.6 3761717.7 705.2 5.00 31.82 1.40
YES HRDOW NO
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:53:50

PAGE 3
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL132	0	0.51322E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL133	0	0.51322E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL134	0	0.51322E-01	491550.1	3761986.3	682.6	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL135	0	0.51322E-01	491409.1	3761992.9	680.1	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL136	0	0.51322E-01	491457.6	3762125.1	662.7	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL137	0	0.51322E-01	491567.7	3762125.1	679.3	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL138	0	0.51322E-01	491561.1	3762266.0	677.3	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL139	0	0.51322E-01	491662.4	3762387.1	669.0	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL140	0	0.51322E-01	492329.6	3762378.3	688.0	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL141	0	0.51322E-01	492195.3	3762409.1	670.2	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL142	0	0.51322E-01	492058.8	3762453.2	684.2	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL143	0	0.51322E-01	492135.8	3762514.9	686.2	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL144	0	0.51322E-01	491926.6	3762475.2	684.2	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL145	0	0.51322E-01	491781.3	3762517.1	682.3	5.00	31.82	1.40	
YES	HRDOW	NO							
VOL146	0	0.51322E-01	491926.6	3762517.1	687.8	5.00	31.82	1.40	

```
 YES   HRDOW           NO
 VOL147          0   0.51322E-01  492038.9 3762517.1   687.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL148          0   0.51322E-01  494205.9 3761460.0   714.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL149          0   0.51322E-01  491610.6 3762444.9   676.3     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
  VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,

             VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
             VOL122      , VOL123      ,

             VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
             VOL130      , VOL131      ,

             VOL132      , VOL133      , VOL134      , VOL135      , VOL136      , VOL137      ,
             VOL138      , VOL139      ,

             VOL140      , VOL141      , VOL142      , VOL143      , VOL144      , VOL145      ,
             VOL146      , VOL147      ,

             VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                 SOURCE IDs
  --------   ---------                                 ----------


              2189641.   VOL92       , VOL93       , VOL94       , VOL95       , VOL96       ,
              VOL97       , VOL98       ,
 VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,
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            VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
            VOL114      , VOL115      ,

            VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
            VOL122      , VOL123      ,

            VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
            VOL130      , VOL131      ,

            VOL132      , VOL133      , VOL134      , VOL135      , VOL136      , VOL137      ,
            VOL138      , VOL139      ,

            VOL140      , VOL141      , VOL142      , VOL143      , VOL144      , VOL145      ,
            VOL146      , VOL147      ,

            VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL92        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL93        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

```
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL97        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL98        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:53:50

PAGE 13
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL101       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL102 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL104   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:53:50

PAGE 22

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:53:50

PAGE 23

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL115       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL116       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL117       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL118       ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:53:50

                     PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL119       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:53:50
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL122 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL123 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL129 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL133       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL134       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL138 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL139 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL140       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL141       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL142       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                     PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL143       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL144       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL147 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL149       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:53:50

                      PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     ( 493343.8, 3762037.3,     711.3,     711.3,       2.0);         ( 493410.0, 3761986.4,
     713.0,     713.0,       2.0);
     ( 493417.5, 3761973.0,     713.0,     713.0,       2.0);         ( 493468.3, 3761958.4,
     714.0,     714.0,       2.0);
```

(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);

(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5

```
 12 01 01   1 05  -10.7  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
98.    9.1  284.9    5.5
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       09:53:50

                      PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL92       , VOL93       ,
                                 VOL94       , VOL95       , VOL96       ,
                    VOL97       , VOL98       , VOL99       , VOL100      , VOL101      ,
                    VOL102      , VOL103      , VOL104      ,
                    VOL105      , VOL106      , VOL107      , VOL108      , VOL109      ,
                    VOL110      , VOL111      , VOL112      ,
                    VOL113      , VOL114      , VOL115      , VOL116      , VOL117      ,
                    VOL118      , VOL119      ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	20.46282	(12022716)	493409.97	3761986.39	12.45441	(12022716)
493417.46	3761972.99	11.37704	(12022716)	493468.31	3761958.40	8.32438	(12022716)
493499.84	3761947.37	7.04951	(12022716)	493614.36	3761892.81	5.10773	(16112816)
493613.66	3761905.05	5.12670	(16112816)	493614.36	3761917.12	5.13748	(16112816)
493614.36	3761927.44	5.15883	(16112816)	493613.31	3761940.20	5.15025	(16112816)
493616.46	3761952.10	5.13015	(16112816)	493615.23	3761961.71	5.09106	(16112816)
493614.53	3761973.78	5.02522	(12022716)	493614.01	3761984.98	5.13804	(12022716)
493613.66	3761996.52	5.26628	(12022716)	493614.18	3762007.36	5.38130	(12022716)
493615.76	3762018.56	5.48783	(12022716)	493614.71	3762025.73	5.59718	(12022716)
493614.36	3762035.00	5.72569	(12022716)	493613.13	3762043.74	5.87247	(12022716)
493613.66	3762052.14	5.98166	(12022716)	493613.83	3762061.58	6.11857	(12022716)
493614.18	3762071.55	6.26491	(12022716)	493696.46	3761742.53	4.94936	(16112816)
493707.35	3761768.92	4.74170	(16112816)	493727.98	3761742.80	5.18153	(16112816)
493755.61	3761733.69	5.37234	(16112816)	493750.48	3761720.58	5.32715	(16112816)
493745.92	3761709.48	5.28983	(16112816)	493741.37	3761696.95	5.34277	(14120316)
493738.52	3761681.00	5.63929	(14120316)	493737.38	3761663.91	5.95396	(14120316)
493736.52	3761651.38	6.17957	(14120316)	494418.08	3761416.13	27.56971	(12022716)
494473.73	3761368.11	11.31378	(12022716)	494939.85	3761394.35	3.44298	(12121716)
494686.37	3761403.42	5.36395	(13010916)	494575.98	3761568.60	8.20375	(12022716)
494541.49	3761602.79	8.46410	(12022716)	494822.53	3761435.24	3.94679	(13010916)
494846.18	3761504.63	3.48234	(13010916)	494841.06	3761535.78	3.65202	(16112816)
494837.90	3761553.12	3.74070	(16112816)	494885.61	3761199.09	5.93505	(12121716)
494976.68	3761325.65	4.18375	(12121716)	494985.35	3761366.25	3.57057	(12121716)
495070.90	3761299.23	3.66403	(12121716)	495115.47	3760632.60	4.49948	(12121716)
495069.03	3760685.30	4.51936	(12121716)	495087.55	3760728.31	4.51498	(12121716)
495079.90	3760834.52	4.81136	(12121716)	495202.38	3760883.65	5.26917	(12121716)
495237.63	3760939.31	5.54107	(12121716)	495298.45	3761048.56	5.20086	(12121716)
490844.43	3759375.83	2.76293	(12021516)	490895.79	3759357.70	2.91893	(12021516)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 , VOL118 , VOL119 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
490596.67	3759246.67	2.11419	(12021516)	489103.59	3759859.22	1.03041	(15122215)
488940.48	3759893.26	1.02324	(15122215)	488472.34	3759865.64	1.02325	(16012009)
488432.53	3759884.27	1.03166	(16012009)	488713.15	3759827.76	1.01117	(15122215)
487562.29	3760285.62	1.07006	(14120216)	487809.35	3760420.86	1.09709	(14120216)
487553.10	3761208.24	1.47192	(16102416)	487899.76	3760972.40	1.43238	(16102416)
487983.18	3762301.23	1.89936	(16123016)	487913.66	3762403.25	1.85743	(16123016)
487890.59	3762238.09	1.87620	(16123016)	488190.14	3762513.88	1.82661	(16123016)
488424.39	3762586.51	1.77669	(16123016)	488657.54	3762495.87	1.93014	(16123016)
488908.17	3762583.23	1.87028	(16123016)	489170.26	3762660.77	1.84110	(14120316)
489382.17	3762809.64	2.64475	(14120316)	489294.91	3762783.65	2.40111	(14120316)
489889.72	3762661.22	3.55449	(14120316)	490022.93	3762783.29	4.12288	(14120316)
490423.96	3762839.25	5.03400	(14120316)	490375.94	3762870.37	4.86796	(14120316)
491453.08	3762845.48	7.89790	(14120316)	491132.33	3762903.51	6.01522	(14120316)
492890.84	3762203.51	7.65062	(12121716)	492961.55	3762258.51	6.22606	(12121716)
493033.99	3762272.60	8.68627	(13121916)	493032.31	3762205.18	9.02708	(13121916)
493087.32	3762215.25	10.36879	(13121916)	493079.94	3762296.41	8.86043	(13121916)
493163.79	3762367.18	5.47403	(12022716)	493068.87	3762510.05	5.35463	(13121916)
493101.07	3762454.71	6.41686	(13121916)	493281.84	3762369.19	8.52251	(12022716)
493351.51	3762095.42	20.36664	(12022716)	493439.48	3762105.84	14.61506	(12022716)

493972.90 3763044.23 4.45011 (12022716) 493957.03
3763184.09 3.49337 (12022716)
493583.55 3763480.45 1.84575 (13121916) 493258.47
3763568.15 3.15471 (12022716)
492895.78 3763485.72 5.68462 (12022716) 493781.01
3761659.05 6.48481 (14120316)
493797.63 3761658.35 6.63010 (14120316) 493831.94
3761631.47 7.80698 (14120316)
493900.20 3761664.01 6.61614 (14120316) 493918.59
3761666.13 6.51644 (14120316)
493929.55 3761662.24 6.71400 (14120316) 493945.82
3761667.90 6.31412 (14120316)
493758.37 3761524.30 8.36851 (14120316) 493961.03
3761672.85 5.97173 (14120316)
493975.18 3761679.57 5.61207 (14120316) 493987.55
3761687.70 5.47916 (16112816)
493998.87 3761697.25 5.43933 (16112816) 494007.71
3761707.51 5.36576 (16112816)
494016.91 3761718.12 5.29608 (16112816) 494024.69
3761730.85 5.25496 (16112816)

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:53:50

PAGE 70
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL92 , VOL93 ,
VOL94 , VOL95 , VOL96 ,
VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
VOL102 , VOL103 , VOL104 ,
VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
VOL110 , VOL111 , VOL112 ,
VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
VOL118 , VOL119 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	2.76972	(12022716)	493409.97	3761986.39	2.05967	(12121816)
493417.46	3761972.99	2.09360	(12121816)	493468.31	3761958.40	1.92632	(12121816)
493499.84	3761947.37	1.82449	(12121816)	493614.36	3761892.81	1.56035	(16122216)
493613.66	3761905.05	1.54445	(16122216)	493614.36	3761917.12	1.52646	(16122216)
493614.36	3761927.44	1.51158	(16122216)	493613.31	3761940.20	1.49503	(16122216)
493616.46	3761952.10	1.47339	(16122216)	493615.23	3761961.71	1.46158	(16122216)
493614.53	3761973.78	1.45145	(12121816)	493614.01	3761984.98	1.44006	(12121816)
493613.66	3761996.52	1.42661	(12121816)	493614.18	3762007.36	1.41036	(12121816)
493615.76	3762018.56	1.38973	(12121816)	493614.71	3762025.73	1.38106	(16122216)

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      493614.36   3762035.00        1.37013  (16122216)                493613.13
      3762043.74        1.36115  (16122216)
      493613.66   3762052.14        1.35028  (16122216)                493613.83
      3762061.58        1.33871  (16122216)
      493614.18   3762071.55        1.32648  (16122216)                493696.46
      3761742.53        1.63554  (16122216)
      493707.35   3761768.92        1.59541  (16122216)                493727.98
      3761742.80        1.60895  (16122216)
      493755.61   3761733.69        1.60201  (16122216)                493750.48
      3761720.58        1.62780  (16010616)
      493745.92   3761709.48        1.67207  (16010616)                493741.37
      3761696.95        1.71896  (16010616)
      493738.52   3761681.00        1.77914  (16010616)                493737.38
      3761663.91        1.84231  (16010616)
      493736.52   3761651.38        1.88658  (16010616)                494418.08
      3761416.13        4.55171  (12022716)
      494473.73   3761368.11        5.05637  (16011516)                494939.85
      3761394.35        1.44578  (16011516)
      494686.37   3761403.42        2.20278  (16011516)                494575.98
      3761568.60        1.54799  (15013016)
      494541.49   3761602.79        1.52875  (12121816)                494822.53
      3761435.24        1.61718  (16011516)
      494846.18   3761504.63        1.37009  (16011516)                494841.06
      3761535.78        1.28186  (16011516)
      494837.90   3761553.12        1.23262  (16011516)                494885.61
      3761199.09        1.54148  (12042316)
      494976.68   3761325.65        1.36030  (16011516)                494985.35
      3761366.25        1.36343  (16011516)
      495070.90   3761299.23        1.20071  (16011516)                495115.47
      3760632.60        1.03005  (16122216)
      495069.03   3760685.30        1.04561  (16122216)                495087.55
      3760728.31        1.05595  (16122216)
      495079.90   3760834.52        1.05282  (16122216)                495202.38
      3760883.65        1.05717  (12121716)
      495237.63   3760939.31        1.08559  (12121716)                495298.45
      3761048.56        1.02580  (12121716)
      490844.43   3759375.83        0.66695  (13012516)                490895.79
      3759357.70        0.65236  (13012516)
      490596.67   3759246.67        0.64725  (13012516)                489103.59
      3759859.22        0.62237  (13012516)
      488940.48   3759893.26        0.59183  (13012516)                488472.34
      3759865.64        0.51547  (13012516)
      488432.53   3759884.27        0.50862  (15122216)                488713.15
      3759827.76        0.55919  (13012516)
      487562.29   3760285.62        0.46500  (15122216)                487809.35
      3760420.86        0.48602  (15122216)
      487553.10   3761208.24        0.41367  (15122216)                487899.76
      3760972.40        0.47515  (15122216)
      487983.18   3762301.23        0.51201  (16123016)                487913.66
      3762403.25        0.50932  (16123016)
      487890.59   3762238.09        0.49686  (12121316)                488190.14
      3762513.88        0.53157  (16123016)
      488424.39   3762586.51        0.54460  (16123016)                488657.54
      3762495.87        0.58334  (16123016)
      488908.17   3762583.23        0.60737  (12121316)                489170.26
      3762660.77        0.63554  (12121316)
      489382.17   3762809.64        0.60584  (12121316)                489294.91
      3762783.65        0.60808  (12121316)
      489889.72   3762661.22        0.81782  (16010616)                490022.93
      3762783.29        0.99999  (16010516)
      490423.96   3762839.25        1.47165  (16010516)                490375.94
      3762870.37        1.42442  (16010516)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       09:53:50
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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL92 , VOL93 , VOL94 , VOL95 , VOL96 ,
VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
VOL102 , VOL103 , VOL104 ,
VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
VOL110 , VOL111 , VOL112 ,
VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
VOL118 , VOL119 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	2.79699	(16010516)	491132.33	3762903.51	2.23144	(16010516)
492890.84	3762203.51	2.18619	(16122216)	492961.55	3762258.51	1.95429	(16122216)
493033.99	3762272.60	1.81298	(16122216)	493032.31	3762205.18	2.05402	(16122216)
493087.32	3762215.25	1.92840	(16122216)	493079.94	3762296.41	1.70128	(16122216)
493163.79	3762367.18	1.53204	(16122216)	493068.87	3762510.05	1.40849	(15013016)
493101.07	3762454.71	1.42665	(16122216)	493281.84	3762369.19	1.40703	(16122216)
493351.51	3762095.42	2.75850	(12022716)	493439.48	3762105.84	1.99146	(12022716)
493972.90	3763044.23	0.79921	(14012416)	493957.03	3763184.09	0.76613	(14012416)
493583.55	3763480.45	0.77599	(16122216)	493258.47	3763568.15	0.82678	(16122216)
492895.78	3763485.72	0.94759	(16122216)	493781.01	3761659.05	2.00555	(16010616)
493797.63	3761658.35	2.06018	(16010616)	493831.94	3761631.47	2.37750	(16010616)
493900.20	3761664.01	2.18651	(16010616)	493918.59	3761666.13	2.18398	(16010616)
493929.55	3761662.24	2.24989	(16010616)	493945.82	3761667.90	2.15806	(16010616)
493758.37	3761524.30	2.27803	(16010616)	493961.03	3761672.85	2.07937	(16010616)
493975.18	3761679.57	2.08321	(16122316)	493987.55	3761687.70	2.08711	(16122316)
493998.87	3761697.25	2.07753	(16122316)	494007.71	3761707.51	2.03433	(16122316)
494016.91	3761718.12	1.97626	(16122316)	494024.69	3761730.85	1.91843	(16122316)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	27.56971	ON 12022716: AT (494418.08, 3761416.13, 723.26, 723.26, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	5.05637	ON 16011516: AT (494473.73, 3761368.11, 723.51, 723.51, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)

A Total of   388 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   1052   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   1052   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/11/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Cons NOX
Mit\15218 Ph2 Cons NOX Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Cons NOX Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL92        VOLUME     492131.209  3761283.446      684.740
   LOCATION VOL93        VOLUME     492405.396  3761167.060      697.630
   LOCATION VOL94        VOLUME     492989.765  3761059.418      667.250
   LOCATION VOL95        VOLUME     492406.875  3761303.706      693.800
   LOCATION VOL96        VOLUME     492264.580  3761164.382      686.740
   LOCATION VOL97        VOLUME     492262.221  3761065.742      678.880
   LOCATION VOL98        VOLUME     492851.027  3761061.620      685.880
   LOCATION VOL99        VOLUME     492268.137  3761302.950      695.440
   LOCATION VOL100       VOLUME     492734.376  3761330.737      695.130
   LOCATION VOL101       VOLUME     492732.017  3761189.211      696.100
   LOCATION VOL102       VOLUME     492714.491  3761063.823      701.170
   LOCATION VOL103       VOLUME     492700.960  3761466.348      683.000
   LOCATION VOL104       VOLUME     492600.042  3761332.939      685.130
   LOCATION VOL105       VOLUME     492597.683  3761191.413      696.620
   LOCATION VOL106       VOLUME     492580.157  3761066.025      698.940
   LOCATION VOL107       VOLUME     492562.190  3761461.155      684.110
   LOCATION VOL108       VOLUME     492544.987  3761317.524      683.050
   LOCATION VOL109       VOLUME     492542.629  3761175.998      698.260
   LOCATION VOL110       VOLUME     492406.794  3761031.384      681.780
   LOCATION VOL111       VOLUME     493157.846  3761044.961      679.560
   LOCATION VOL112       VOLUME     492547.645  3761006.352      698.000
   LOCATION VOL113       VOLUME     492686.384  3761006.352      700.840
   LOCATION VOL114       VOLUME     492827.324  3761010.756      686.200
   LOCATION VOL115       VOLUME     494155.246  3761385.129      718.090
   LOCATION VOL116       VOLUME     494005.497  3761391.736      716.150
   LOCATION VOL117       VOLUME     494278.568  3761268.413      705.410
   LOCATION VOL118       VOLUME     494351.241  3761308.052      709.780
   LOCATION VOL119       VOLUME     491794.496  3762014.956      683.700
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   LOCATION VOL120       VOLUME     491794.496  3762136.076      681.790
   LOCATION VOL121       VOLUME     491651.353  3762014.956      680.920
   LOCATION VOL122       VOLUME     491655.758  3762138.279      683.820
   LOCATION VOL123       VOLUME     491459.763  3761713.256      683.590
   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
** Source Parameters **
   SRCPARAM VOL92        0.005159396     5.000    31.816     1.400
   SRCPARAM VOL93        0.005159396     5.000    31.816     1.400
   SRCPARAM VOL94        0.005159396     5.000    31.816     1.400
   SRCPARAM VOL95        0.005159396     5.000    31.816     1.400
   SRCPARAM VOL96        0.005159396     5.000    31.816     1.400
   SRCPARAM VOL97        0.005159396     5.000    31.816     1.400
   SRCPARAM VOL98        0.005159396     5.000    31.816     1.400
   SRCPARAM VOL99        0.005159396     5.000    31.816     1.400
   SRCPARAM VOL100       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL101       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL102       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL103       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL104       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL105       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL106       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL107       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL108       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL109       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL110       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL111       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL112       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL113       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL114       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL115       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL116       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL117       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL118       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL119       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL120       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL121       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL122       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL123       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL124       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL125       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL126       0.005159396     5.000    31.816     1.400
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   SRCPARAM VOL127       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL128       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL129       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL130       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL131       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL132       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL133       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL134       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL135       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL136       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL137       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL138       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL139       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL140       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL141       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL142       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL143       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL144       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL145       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL146       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL147       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL148       0.005159396     5.000    31.816     1.400
   SRCPARAM VOL149       0.005159396     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL136       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL137       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL138       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL139       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL140       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL141       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL142       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL143       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL144       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL145       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL146       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL147       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
```

```
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL148       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL149       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Cons NOX Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
```

```
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH2 CONS NOX MIT.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph2 Cons NOX Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1052       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1052       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    58 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NOX
```

**Model Calculates 1 Short Term Average(s) of: 1-HR

**This Run Includes: 58 Source(s);   1 Source Group(s); and   114 Receptor(s)

               with: 0 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 58 VOLUME source(s)
                and: 0 AREA type source(s)
                and: 0 LINE source(s)
                and: 0 RLINE/RLINEXT source(s)
                and: 0 OPENPIT source(s)
                and: 0 BUOYANT LINE source(s) with a total of   0 line(s)
                and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
        Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing
                                                                Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ; Decay Coef. =
0.000   ; Rot. Angle =   0.0
               Emission Units = GRAMS/SEC   ; Emission Rate
               Unit Factor =   0.10000E+07
               Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph2 Cons NOX
Mit.err
**File for Summary of Results: 15218 Ph2 Cons NOX
Mit.sum

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
	URBAN								

- - - -

```
VOL92           0   0.51594E-02  492131.2 3761283.4   684.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL93           0   0.51594E-02  492405.4 3761167.1   697.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL94           0   0.51594E-02  492989.8 3761059.4   667.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL95           0   0.51594E-02  492406.9 3761303.7   693.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL96           0   0.51594E-02  492264.6 3761164.4   686.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL97           0   0.51594E-02  492262.2 3761065.7   678.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL98           0   0.51594E-02  492851.0 3761061.6   685.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL99           0   0.51594E-02  492268.1 3761302.9   695.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL100          0   0.51594E-02  492734.4 3761330.7   695.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL101          0   0.51594E-02  492732.0 3761189.2   696.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL102          0   0.51594E-02  492714.5 3761063.8   701.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL103          0   0.51594E-02  492701.0 3761466.3   683.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL104          0   0.51594E-02  492600.0 3761332.9   685.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL105          0   0.51594E-02  492597.7 3761191.4   696.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL106          0   0.51594E-02  492580.2 3761066.0   698.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL107          0   0.51594E-02  492562.2 3761461.2   684.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL108          0   0.51594E-02  492545.0 3761317.5   683.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL109          0   0.51594E-02  492542.6 3761176.0   698.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL110          0   0.51594E-02  492406.8 3761031.4   681.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL111          0   0.51594E-02  493157.8 3761045.0   679.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL112          0   0.51594E-02  492547.6 3761006.4   698.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL113          0   0.51594E-02  492686.4 3761006.4   700.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL114          0   0.51594E-02  492827.3 3761010.8   686.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL115          0   0.51594E-02  494155.2 3761385.1   718.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL116          0   0.51594E-02  494005.5 3761391.7   716.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL117          0   0.51594E-02  494278.6 3761268.4   705.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL118          0   0.51594E-02  494351.2 3761308.1   709.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL119          0   0.51594E-02  491794.5 3762015.0   683.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL120          0   0.51594E-02  491794.5 3762136.1   681.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL121          0   0.51594E-02  491651.4 3762015.0   680.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL122          0   0.51594E-02  491655.8 3762138.3   683.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL123          0   0.51594E-02  491459.8 3761713.3   683.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL124          0   0.51594E-02  491398.1 3761664.8   677.3     5.00    31.82     1.40
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL125	0	0.51594E-02	491380.5	3761770.5	674.8	5.00	31.82	1.40	YES HRDOW
VOL126	0	0.51594E-02	491523.6	3761852.0	657.2	5.00	31.82	1.40	YES HRDOW
VOL127	0	0.51594E-02	491448.8	3761907.0	668.8	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.51594E-02	492778.9	3761534.9	683.6	5.00	31.82	1.40	YES HRDOW
VOL129	0	0.51594E-02	492911.0	3761534.9	684.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.51594E-02	493065.2	3761816.8	708.6	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.51594E-02	493058.6	3761717.7	705.2	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.51594E-02	492988.1	3761807.9	705.3	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.51594E-02	492981.5	3761735.3	701.8	5.00	31.82	1.40	YES HRDOW
VOL134	0	0.51594E-02	491550.1	3761986.3	682.6	5.00	31.82	1.40	YES HRDOW
VOL135	0	0.51594E-02	491409.1	3761992.9	680.1	5.00	31.82	1.40	YES HRDOW
VOL136	0	0.51594E-02	491457.6	3762125.1	662.7	5.00	31.82	1.40	YES HRDOW
VOL137	0	0.51594E-02	491567.7	3762125.1	679.3	5.00	31.82	1.40	YES HRDOW
VOL138	0	0.51594E-02	491561.1	3762266.0	677.3	5.00	31.82	1.40	YES HRDOW
VOL139	0	0.51594E-02	491662.4	3762387.1	669.0	5.00	31.82	1.40	YES HRDOW
VOL140	0	0.51594E-02	492329.6	3762378.3	688.0	5.00	31.82	1.40	YES HRDOW
VOL141	0	0.51594E-02	492195.3	3762409.1	670.2	5.00	31.82	1.40	YES HRDOW
VOL142	0	0.51594E-02	492058.8	3762453.2	684.2	5.00	31.82	1.40	YES HRDOW
VOL143	0	0.51594E-02	492135.8	3762514.9	686.2	5.00	31.82	1.40	YES HRDOW
VOL144	0	0.51594E-02	491926.6	3762475.2	684.2	5.00	31.82	1.40	YES HRDOW
VOL145	0	0.51594E-02	491781.3	3762517.1	682.3	5.00	31.82	1.40	YES HRDOW
VOL146	0	0.51594E-02	491926.6	3762517.1	687.8	5.00	31.82	1.40	YES HRDOW
VOL147	0	0.51594E-02	492038.9	3762517.1	687.9	5.00	31.82	1.40	

```
 YES   HRDOW            NO
 VOL148          0   0.51594E-02  494205.9 3761460.0   714.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL149          0   0.51594E-02  491610.6 3762444.9   676.3     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
  VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,

             VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
             VOL122      , VOL123      ,

             VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
             VOL130      , VOL131      ,

             VOL132      , VOL133      , VOL134      , VOL135      , VOL136      , VOL137      ,
             VOL138      , VOL139      ,

             VOL140      , VOL141      , VOL142      , VOL143      , VOL144      , VOL145      ,
             VOL146      , VOL147      ,

             VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                 SOURCE IDs
  --------   ---------                                 ----------


              2189641.   VOL92       , VOL93       , VOL94       , VOL95       , VOL96       ,
              VOL97       , VOL98       ,
 VOL99       ,

             VOL100      , VOL101      , VOL102      , VOL103      , VOL104      , VOL105      ,
             VOL106      , VOL107      ,

             VOL108      , VOL109      , VOL110      , VOL111      , VOL112      , VOL113      ,
             VOL114      , VOL115      ,
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            VOL116      , VOL117      , VOL118      , VOL119      , VOL120      , VOL121      ,
            VOL122      , VOL123      ,

            VOL124      , VOL125      , VOL126      , VOL127      , VOL128      , VOL129      ,
            VOL130      , VOL131      ,

            VOL132      , VOL133      , VOL134      , VOL135      , VOL136      , VOL137      ,
            VOL138      , VOL139      ,

            VOL140      , VOL141      , VOL142      , VOL143      , VOL144      , VOL145      ,
            VOL146      , VOL147      ,

            VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                      PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL92        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL93        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL97 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL98 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                     PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL101       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL102       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:56:51

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL103       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:56:51
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:56:51

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL122   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL123   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                     PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL124       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                     PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL125       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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```
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                     PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL126       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL127       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                      PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL128       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL129 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:56:51

PAGE 47
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL140 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL141 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL142 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:56:51

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL147 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL149 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);

(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);

(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WD	REF WS	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5

```
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                      PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL92       , VOL93       ,
                                 VOL94       , VOL95       , VOL96       ,
                   VOL97       , VOL98       , VOL99       , VOL100      , VOL101      ,
                   VOL102      , VOL103      , VOL104      ,
                   VOL105      , VOL106      , VOL107      , VOL108      , VOL109      ,
                   VOL110      , VOL111      , VOL112      ,
                   VOL113      , VOL114      , VOL115      , VOL116      , VOL117      ,
                   VOL118      , VOL119      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	2.05711	(12022716)	493409.97	3761986.39	1.25203	(12022716)
493417.46	3761972.99	1.14372	(12022716)	493468.31	3761958.40	0.83684	(12022716)
493499.84	3761947.37	0.70868	(12022716)	493614.36	3761892.81	0.51348	(16112816)
493613.66	3761905.05	0.51538	(16112816)	493614.36	3761917.12	0.51647	(16112816)
493614.36	3761927.44	0.51861	(16112816)	493613.31	3761940.20	0.51775	(16112816)
493616.46	3761952.10	0.51573	(16112816)	493615.23	3761961.71	0.51180	(16112816)
493614.53	3761973.78	0.50518	(12022716)	493614.01	3761984.98	0.51652	(12022716)
493613.66	3761996.52	0.52941	(12022716)	493614.18	3762007.36	0.54098	(12022716)
493615.76	3762018.56	0.55169	(12022716)	493614.71	3762025.73	0.56268	(12022716)
493614.36	3762035.00	0.57560	(12022716)	493613.13	3762043.74	0.59035	(12022716)
493613.66	3762052.14	0.60133	(12022716)	493613.83	3762061.58	0.61509	(12022716)
493614.18	3762071.55	0.62981	(12022716)	493696.46	3761742.53	0.49755	(16112816)
493707.35	3761768.92	0.47668	(16112816)	493727.98	3761742.80	0.52089	(16112816)
493755.61	3761733.69	0.54008	(16112816)	493750.48	3761720.58	0.53553	(16112816)
493745.92	3761709.48	0.53178	(16112816)	493741.37	3761696.95	0.53710	(14120316)
493738.52	3761681.00	0.56691	(14120316)	493737.38	3761663.91	0.59855	(14120316)
493736.52	3761651.38	0.62123	(14120316)	494418.08	3761416.13	2.77156	(12022716)
494473.73	3761368.11	1.13736	(12022716)	494939.85	3761394.35	0.34612	(12121716)
494686.37	3761403.42	0.53923	(13010916)	494575.98	3761568.60	0.82472	(12022716)
494541.49	3761602.79	0.85089	(12022716)	494822.53	3761435.24	0.39677	(13010916)
494846.18	3761504.63	0.35008	(13010916)	494841.06	3761535.78	0.36713	(16112816)
494837.90	3761553.12	0.37605	(16112816)	494885.61	3761199.09	0.59665	(12121716)
494976.68	3761325.65	0.42059	(12121716)	494985.35	3761366.25	0.35895	(12121716)
495070.90	3761299.23	0.36834	(12121716)	495115.47	3760632.60	0.45233	(12121716)
495069.03	3760685.30	0.45433	(12121716)	495087.55	3760728.31	0.45389	(12121716)
495079.90	3760834.52	0.48368	(12121716)	495202.38	3760883.65	0.52970	(12121716)
495237.63	3760939.31	0.55704	(12121716)	495298.45	3761048.56	0.52284	(12121716)
490844.43	3759375.83	0.27775	(12021516)	490895.79	3759357.70	0.29344	(12021516)
490596.67	3759246.67	0.21254	(12021516)	489103.59	3759859.22	0.10359	(15122215)

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       488940.48   3759893.26        0.10286  (15122215)               488472.34
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       3759827.76        0.10165  (15122215)
       487562.29   3760285.62        0.10757  (14120216)               487809.35
       3760420.86        0.11029  (14120216)
       487553.10   3761208.24        0.14797  (16102416)               487899.76
       3760972.40        0.14400  (16102416)
       487983.18   3762301.23        0.19094  (16123016)               487913.66
       3762403.25        0.18673  (16123016)
       487890.59   3762238.09        0.18861  (16123016)               488190.14
       3762513.88        0.18363  (16123016)
       488424.39   3762586.51        0.17861  (16123016)               488657.54
       3762495.87        0.19404  (16123016)
       488908.17   3762583.23        0.18802  (16123016)               489170.26
       3762660.77        0.18508  (14120316)
       489382.17   3762809.64        0.26587  (14120316)               489294.91
       3762783.65        0.24138  (14120316)
       489889.72   3762661.22        0.35733  (14120316)               490022.93
       3762783.29        0.41447  (14120316)
       490423.96   3762839.25        0.50606  (14120316)               490375.94
       3762870.37        0.48937  (14120316)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:56:51

                     PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL92       , VOL93       ,
                               VOL94       , VOL95       , VOL96       ,
                  VOL97       , VOL98       , VOL99       , VOL100      , VOL101      ,
                  VOL102      , VOL103      , VOL104      ,
                  VOL105      , VOL106      , VOL107      , VOL108      , VOL109      ,
                  VOL110      , VOL111      , VOL112      ,
                  VOL113      , VOL114      , VOL115      , VOL116      , VOL117      ,
                  VOL118      , VOL119      ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF NOX      IN
                                      MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       491453.08   3762845.48        0.79397  (14120316)               491132.33
       3762903.51        0.60470  (14120316)
       492890.84   3762203.51        0.76911  (12121716)               492961.55
       3762258.51        0.62590  (12121716)
       493033.99   3762272.60        0.87322  (13121916)               493032.31
       3762205.18        0.90748  (13121916)
       493087.32   3762215.25        1.04237  (13121916)               493079.94
       3762296.41        0.89073  (13121916)
       493163.79   3762367.18        0.55030  (12022716)               493068.87
       3762510.05        0.53830  (13121916)
       493101.07   3762454.71        0.64508  (13121916)               493281.84
       3762369.19        0.85676  (12022716)
       493351.51   3762095.42        2.04744  (12022716)               493439.48
       3762105.84        1.46924  (12022716)
       493972.90   3763044.23        0.44737  (12022716)               493957.03
       3763184.09        0.35118  (12022716)
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493583.55 3763480.45 0.18555 (13121916) 493258.47
3763568.15 0.31714 (12022716)
492895.78 3763485.72 0.57147 (12022716) 493781.01
3761659.05 0.65191 (14120316)
493797.63 3761658.35 0.66652 (14120316) 493831.94
3761631.47 0.78483 (14120316)
493900.20 3761664.01 0.66511 (14120316) 493918.59
3761666.13 0.65509 (14120316)
493929.55 3761662.24 0.67495 (14120316) 493945.82
3761667.90 0.63475 (14120316)
493758.37 3761524.30 0.84128 (14120316) 493961.03
3761672.85 0.60033 (14120316)
493975.18 3761679.57 0.56418 (14120316) 493987.55
3761687.70 0.55082 (16112816)
493998.87 3761697.25 0.54681 (16112816) 494007.71
3761707.51 0.53942 (16112816)
494016.91 3761718.12 0.53241 (16112816) 494024.69
3761730.85 0.52828 (16112816)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	2.77156	ON 12022716: AT (494418.08, 3761416.13, 723.26, 723.26, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1052 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1052 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/11/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Cons PM10
Mit\15218 Ph2 Cons PM10 Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Cons PM10 Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   492471.146  3761531.218      671.970
   LOCATION VOL92        VOLUME     492131.209  3761283.446      684.740
   LOCATION VOL93        VOLUME     492405.396  3761167.060      697.630
   LOCATION VOL94        VOLUME     492989.765  3761059.418      667.250
   LOCATION VOL95        VOLUME     492406.875  3761303.706      693.800
   LOCATION VOL96        VOLUME     492264.580  3761164.382      686.740
   LOCATION VOL97        VOLUME     492262.221  3761065.742      678.880
   LOCATION VOL98        VOLUME     492851.027  3761061.620      685.880
   LOCATION VOL99        VOLUME     492268.137  3761302.950      695.440
   LOCATION VOL100       VOLUME     492734.376  3761330.737      695.130
   LOCATION VOL101       VOLUME     492732.017  3761189.211      696.100
   LOCATION VOL102       VOLUME     492714.491  3761063.823      701.170
   LOCATION VOL103       VOLUME     492700.960  3761466.348      683.000
   LOCATION VOL104       VOLUME     492600.042  3761332.939      685.130
   LOCATION VOL105       VOLUME     492597.683  3761191.413      696.620
   LOCATION VOL106       VOLUME     492580.157  3761066.025      698.940
   LOCATION VOL107       VOLUME     492562.190  3761461.155      684.110
   LOCATION VOL108       VOLUME     492544.987  3761317.524      683.050
   LOCATION VOL109       VOLUME     492542.629  3761175.998      698.260
   LOCATION VOL110       VOLUME     492406.794  3761031.384      681.780
   LOCATION VOL111       VOLUME     493157.846  3761044.961      679.560
   LOCATION VOL112       VOLUME     492547.645  3761006.352      698.000
   LOCATION VOL113       VOLUME     492686.384  3761006.352      700.840
   LOCATION VOL114       VOLUME     492827.324  3761010.756      686.200
   LOCATION VOL115       VOLUME     494155.246  3761385.129      718.090
   LOCATION VOL116       VOLUME     494005.497  3761391.736      716.150
   LOCATION VOL117       VOLUME     494278.568  3761268.413      705.410
   LOCATION VOL118       VOLUME     494351.241  3761308.052      709.780
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   LOCATION VOL120       VOLUME     491794.496  3762136.076      681.790
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   LOCATION VOL122       VOLUME     491655.758  3762138.279      683.820
   LOCATION VOL123       VOLUME     491459.763  3761713.256      683.590
   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
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   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
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   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
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SRCPARAM VOL96        0.0001955139     5.000    31.816     1.400
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SRCPARAM VOL104       0.0001955139     5.000    31.816     1.400
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   SRCPARAM VOL109       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL110       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL111       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL112       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL113       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL114       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL115       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL116       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL117       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL118       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL119       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL120       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL121       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL122       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL123       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL124       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL125       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL126       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL127       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL128       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL129       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL130       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL131       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL132       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL133       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL134       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL135       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL136       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL137       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL138       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL139       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL140       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL141       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL142       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL143       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL144       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL145       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL146       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL147       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL148       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL149       0.0001955139     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL136       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL137       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL138       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL139       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL140       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL141       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL142       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL143       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL144       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL145       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL145       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL146       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL147       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL148       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL149       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Cons PM10 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH2 CONS PM10 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph2 Cons PM10 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1152       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1152       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***
- - - -

```
                Emission Units = GRAMS/SEC                                  ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph2 Cons PM10
 Mit.err
 **File for Summary of Results:   15218 Ph2 Cons PM10
 Mit.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:59:34

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL92           0   0.19551E-03  492131.2 3761283.4   684.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL93           0   0.19551E-03  492405.4 3761167.1   697.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL94           0   0.19551E-03  492989.8 3761059.4   667.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL95           0   0.19551E-03  492406.9 3761303.7   693.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL96           0   0.19551E-03  492264.6 3761164.4   686.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL97           0   0.19551E-03  492262.2 3761065.7   678.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL98           0   0.19551E-03  492851.0 3761061.6   685.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL99           0   0.19551E-03  492268.1 3761302.9   695.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL100          0   0.19551E-03  492734.4 3761330.7   695.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL101          0   0.19551E-03  492732.0 3761189.2   696.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL102          0   0.19551E-03  492714.5 3761063.8   701.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL103          0   0.19551E-03  492701.0 3761466.3   683.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL104          0   0.19551E-03  492600.0 3761332.9   685.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL105          0   0.19551E-03  492597.7 3761191.4   696.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL106          0   0.19551E-03  492580.2 3761066.0   698.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL107          0   0.19551E-03  492562.2 3761461.2   684.1     5.00    31.82     1.40
```

YES HRDOW	NO							
VOL108	0	0.19551E-03	492545.0	3761317.5	683.0	5.00	31.82	1.40
YES HRDOW	NO							
VOL109	0	0.19551E-03	492542.6	3761176.0	698.3	5.00	31.82	1.40
YES HRDOW	NO							
VOL110	0	0.19551E-03	492406.8	3761031.4	681.8	5.00	31.82	1.40
YES HRDOW	NO							
VOL111	0	0.19551E-03	493157.8	3761045.0	679.6	5.00	31.82	1.40
YES HRDOW	NO							
VOL112	0	0.19551E-03	492547.6	3761006.4	698.0	5.00	31.82	1.40
YES HRDOW	NO							
VOL113	0	0.19551E-03	492686.4	3761006.4	700.8	5.00	31.82	1.40
YES HRDOW	NO							
VOL114	0	0.19551E-03	492827.3	3761010.8	686.2	5.00	31.82	1.40
YES HRDOW	NO							
VOL115	0	0.19551E-03	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES HRDOW	NO							
VOL116	0	0.19551E-03	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES HRDOW	NO							
VOL117	0	0.19551E-03	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES HRDOW	NO							
VOL118	0	0.19551E-03	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES HRDOW	NO							
VOL119	0	0.19551E-03	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES HRDOW	NO							
VOL120	0	0.19551E-03	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES HRDOW	NO							
VOL121	0	0.19551E-03	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES HRDOW	NO							
VOL122	0	0.19551E-03	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES HRDOW	NO							
VOL123	0	0.19551E-03	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES HRDOW	NO							
VOL124	0	0.19551E-03	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES HRDOW	NO							
VOL125	0	0.19551E-03	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES HRDOW	NO							
VOL126	0	0.19551E-03	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES HRDOW	NO							
VOL127	0	0.19551E-03	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES HRDOW	NO							
VOL128	0	0.19551E-03	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES HRDOW	NO							
VOL129	0	0.19551E-03	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES HRDOW	NO							
VOL130	0	0.19551E-03	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES HRDOW	NO							
VOL131	0	0.19551E-03	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES HRDOW	NO							

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY

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 - - -
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 ,
	VOL99 , VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 ,
	VOL107 , VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 ,
	VOL115 , VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 ,
	VOL123 , VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 ,
	VOL131 , VOL132 , VOL133 , VOL134 , VOL135 , VOL136 , VOL137 , VOL138 ,
	VOL139 , VOL140 , VOL141 , VOL142 , VOL143 , VOL144 , VOL145 , VOL146 ,
	VOL147 , VOL148 , VOL149 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 ,
		VOL99 , VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 ,
		VOL107 , VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 ,
		VOL115 , VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 ,
		VOL123 , VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 ,
		VOL131 , VOL132 , VOL133 , VOL134 , VOL135 , VOL136 , VOL137 , VOL138 ,

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            VOL139      , VOL140      , VOL141      , VOL142      , VOL143      , VOL144      ,
            VOL145      , VOL146      ,

            VOL147      , VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:59:34

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:59:34

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL92        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 09:59:34

PAGE 9
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL95 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL98 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL102 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL103 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:59:34

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL109       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:59:34

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL110       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:59:34

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL111       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:59:34

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
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 SOURCE ID = VOL112       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:59:34

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL113       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SOURCE ID = VOL121 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:59:34

                     PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL127       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:59:34

                     PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL128       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:59:34

                      PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL134       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:59:34

                      PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL135       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL137 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL139   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL141 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL143 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL145 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL146 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL147 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL149 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,

730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,

719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , VOL92 ,
VOL93 , VOL94 , VOL95 ,
VOL96 , VOL97 , VOL98 , VOL99 , VOL100 ,
VOL101 , VOL102 , VOL103 ,
VOL104 , VOL105 , VOL106 , VOL107 , VOL108 ,
VOL109 , VOL110 , VOL111 ,
VOL112 , VOL113 , VOL114 , VOL115 , VOL116 ,
VOL117 , VOL118 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.05115	(12022724)	493409.97	3761986.39	0.04711	(15121524)
493417.46	3761972.99	0.04864	(15121524)	493468.31	3761958.40	0.05268	(16112824)
493499.84	3761947.37	0.05651	(16112824)	493614.36	3761892.81	0.08448	(16112824)
493613.66	3761905.05	0.06965	(16112824)	493614.36	3761917.12	0.06139	(16112824)
493614.36	3761927.44	0.05687	(16112824)	493613.31	3761940.20	0.05249	(16112824)
493616.46	3761952.10	0.04903	(16112824)	493615.23	3761961.71	0.04670	(16112824)
493614.53	3761973.78	0.04380	(16112824)	493614.01	3761984.98	0.04154	(16112824)
493613.66	3761996.52	0.03935	(16112824)	493614.18	3762007.36	0.03739	(15121524)
493615.76	3762018.56	0.03610	(15121524)	493614.71	3762025.73	0.03553	(15121524)
493614.36	3762035.00	0.03479	(15121524)	493613.13	3762043.74	0.03421	(15121524)
493613.66	3762052.14	0.03360	(15121524)	493613.83	3762061.58	0.03298	(15121524)
493614.18	3762071.55	0.03234	(15121524)	493696.46	3761742.53	0.06363	(16112824)
493707.35	3761768.92	0.05924	(16112824)	493727.98	3761742.80	0.05971	(16112824)
493755.61	3761733.69	0.05624	(16112824)	493750.48	3761720.58	0.05635	(16112824)
493745.92	3761709.48	0.05622	(16112824)	493741.37	3761696.95	0.05581	(16112824)
493738.52	3761681.00	0.05568m	(15123124)	493737.38			

```
      3761663.91        0.05679m (15123124)
      493736.52   3761651.38        0.05781m (15123124)               494418.08
      3761416.13        0.07218  (13112024)
      494473.73   3761368.11        0.06441  (13112024)               494939.85
      3761394.35        0.03908  (15012024)
      494686.37   3761403.42        0.04437  (15012024)               494575.98
      3761568.60        0.03700  (15012024)
      494541.49   3761602.79        0.03563  (15012024)               494822.53
      3761435.24        0.03981  (15012024)
      494846.18   3761504.63        0.03677  (15012024)               494841.06
      3761535.78        0.03563  (15012024)
      494837.90   3761553.12        0.03499  (15012024)               494885.61
      3761199.09        0.04515  (15012024)
      494976.68   3761325.65        0.04001  (15012024)               494985.35
      3761366.25        0.03890  (15012024)
      495070.90   3761299.23        0.03876  (15012024)               495115.47
      3760632.60        0.03743  (14013024)
      495069.03   3760685.30        0.03804  (14013024)               495087.55
      3760728.31        0.03815  (14013024)
      495079.90   3760834.52        0.04142  (16122224)               495202.38
      3760883.65        0.03781  (15012024)
      495237.63   3760939.31        0.03768  (15012024)               495298.45
      3761048.56        0.03680  (15012024)
      490844.43   3759375.83        0.02050  (13012524)               490895.79
      3759357.70        0.01950  (13012524)
      490596.67   3759246.67        0.01997  (13012524)               489103.59
      3759859.22        0.02535  (13012524)
      488940.48   3759893.26        0.02412  (13012524)               488472.34
      3759865.64        0.02258  (13012524)
      488432.53   3759884.27        0.02237  (13012524)               488713.15
      3759827.76        0.02358  (13012524)
      487562.29   3760285.62        0.01457  (15122224)               487809.35
      3760420.86        0.01464  (15122224)
      487553.10   3761208.24        0.01559  (13012224)               487899.76
      3760972.40        0.01666  (13012224)
      487983.18   3762301.23        0.02761m (13123124)               487913.66
      3762403.25        0.02749m (13123124)
      487890.59   3762238.09        0.02683m (13123124)               488190.14
      3762513.88        0.02822m (13123124)
      488424.39   3762586.51        0.02822m (13123124)               488657.54
      3762495.87        0.03001m (13123124)
      488908.17   3762583.23        0.02952m (13123124)               489170.26
      3762660.77        0.02862m (13123124)
      489382.17   3762809.64        0.02707  (15011224)               489294.91
      3762783.65        0.02604  (15011224)
      489889.72   3762661.22        0.03096  (15011224)               490022.93
      3762783.29        0.03333  (14120324)
      490423.96   3762839.25        0.03671  (14120324)               490375.94
      3762870.37        0.03606  (14120324)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       09:59:34

                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     PAREA1      , VOL92       ,
                              VOL93       , VOL94       , VOL95       ,
                VOL96       , VOL97       , VOL98       , VOL99       , VOL100      ,
                VOL101      , VOL102      , VOL103      ,
                VOL104      , VOL105      , VOL106      , VOL107      , VOL108      ,
                VOL109      , VOL110      , VOL111      ,
                VOL112      , VOL113      , VOL114      , VOL115      , VOL116      ,
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VOL117 , VOL118 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.06721	(16122324)	491132.33	3762903.51	0.05034	(16010524)
492890.84	3762203.51	0.05627	(16122224)	492961.55	3762258.51	0.04619	(16122224)
493033.99	3762272.60	0.04265	(16122224)	493032.31	3762205.18	0.04762	(16122224)
493087.32	3762215.25	0.04411	(16122224)	493079.94	3762296.41	0.04036	(16122224)
493163.79	3762367.18	0.03616	(16122224)	493068.87	3762510.05	0.03472	(16122224)
493101.07	3762454.71	0.03542	(16122224)	493281.84	3762369.19	0.03408	(13121924)
493351.51	3762095.42	0.05163	(12022724)	493439.48	3762105.84	0.03978	(12022724)
493972.90	3763044.23	0.02011	(13030724)	493957.03	3763184.09	0.01774	(14100224)
493583.55	3763480.45	0.02136	(16122224)	493258.47	3763568.15	0.02434	(16122224)
492895.78	3763485.72	0.03020	(16122224)	493781.01	3761659.05	0.05131m	(15123124)
493797.63	3761658.35	0.04984m	(15123124)	493831.94	3761631.47	0.04875m	(15123124)
493900.20	3761664.01	0.04326	(15012024)	493918.59	3761666.13	0.04245	(15012024)
493929.55	3761662.24	0.04227	(15012024)	493945.82	3761667.90	0.04136	(15012024)
493758.37	3761524.30	0.05753	(15012024)	493961.03	3761672.85	0.04059	(15012024)
493975.18	3761679.57	0.03985	(15012024)	493987.55	3761687.70	0.03908	(15012024)
493998.87	3761697.25	0.03831	(15012024)	494007.71	3761707.51	0.03757	(15012024)
494016.91	3761718.12	0.03680	(15012024)	494024.69	3761730.85	0.03605	(15012024)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID

ALL HIGH 1ST HIGH VALUE IS 0.08448 ON 16112824: AT (493614.36, 3761892.81, 711.29, 711.29, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1152 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1152 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/11/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Cons PM25
Mit\15218 Ph2 Cons PM25 Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Cons PM25 Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   492471.146  3761531.218      671.970
   LOCATION VOL92        VOLUME     492131.209  3761283.446      684.740
   LOCATION VOL93        VOLUME     492405.396  3761167.060      697.630
   LOCATION VOL94        VOLUME     492989.765  3761059.418      667.250
   LOCATION VOL95        VOLUME     492406.875  3761303.706      693.800
   LOCATION VOL96        VOLUME     492264.580  3761164.382      686.740
   LOCATION VOL97        VOLUME     492262.221  3761065.742      678.880
   LOCATION VOL98        VOLUME     492851.027  3761061.620      685.880
   LOCATION VOL99        VOLUME     492268.137  3761302.950      695.440
   LOCATION VOL100       VOLUME     492734.376  3761330.737      695.130
   LOCATION VOL101       VOLUME     492732.017  3761189.211      696.100
   LOCATION VOL102       VOLUME     492714.491  3761063.823      701.170
   LOCATION VOL103       VOLUME     492700.960  3761466.348      683.000
   LOCATION VOL104       VOLUME     492600.042  3761332.939      685.130
   LOCATION VOL105       VOLUME     492597.683  3761191.413      696.620
   LOCATION VOL106       VOLUME     492580.157  3761066.025      698.940
   LOCATION VOL107       VOLUME     492562.190  3761461.155      684.110
   LOCATION VOL108       VOLUME     492544.987  3761317.524      683.050
   LOCATION VOL109       VOLUME     492542.629  3761175.998      698.260
   LOCATION VOL110       VOLUME     492406.794  3761031.384      681.780
   LOCATION VOL111       VOLUME     493157.846  3761044.961      679.560
   LOCATION VOL112       VOLUME     492547.645  3761006.352      698.000
   LOCATION VOL113       VOLUME     492686.384  3761006.352      700.840
   LOCATION VOL114       VOLUME     492827.324  3761010.756      686.200
   LOCATION VOL115       VOLUME     494155.246  3761385.129      718.090
   LOCATION VOL116       VOLUME     494005.497  3761391.736      716.150
   LOCATION VOL117       VOLUME     494278.568  3761268.413      705.410
   LOCATION VOL118       VOLUME     494351.241  3761308.052      709.780
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   LOCATION VOL119       VOLUME     491794.496  3762014.956      683.700
   LOCATION VOL120       VOLUME     491794.496  3762136.076      681.790
   LOCATION VOL121       VOLUME     491651.353  3762014.956      680.920
   LOCATION VOL122       VOLUME     491655.758  3762138.279      683.820
   LOCATION VOL123       VOLUME     491459.763  3761713.256      683.590
   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
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   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
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SRCPARAM VOL95        0.0001955139     5.000    31.816     1.400
SRCPARAM VOL96        0.0001955139     5.000    31.816     1.400
SRCPARAM VOL97        0.0001955139     5.000    31.816     1.400
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   SRCPARAM VOL142       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL143       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL144       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL145       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL146       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL147       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL148       0.0001955139     5.000    31.816     1.400
   SRCPARAM VOL149       0.0001955139     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL92        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL92        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL93        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL93        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL94        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL94        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL95        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL95        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL96        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL96        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL97        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL97        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL98        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL98        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL99        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL99        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL100       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL100       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL101       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL101       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL101       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL102       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL102       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL103       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL103       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL106       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL106       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL110       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL110       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL112       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL112       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL113       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL113       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL114       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL114       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL115       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL115       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL116       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL116       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL117       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL117       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL118       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL118       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL119       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL119       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL120       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL120       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL121       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL121       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL122       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL122       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL123       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL123       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL123       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL124       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL124       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL125       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL125       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL126       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL126       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL127       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL127       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL129       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL129       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL134       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL134       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL135       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL135       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL136       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL136       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL137       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL137       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL138       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL138       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL139       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL139       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL140       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL140       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL141       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL141       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL142       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL142       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL143       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL143       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL144       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL144       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL145       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL145       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL145       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL146       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL146       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL147       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL147       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL148       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL148       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL149       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL149       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Cons PM25 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH2 CONS PM25 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph2 Cons PM25 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1152       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1152       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

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                Emission Units = GRAMS/SEC                                  ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph2 Cons PM25
 Mit.err
 **File for Summary of Results:   15218 Ph2 Cons PM25
 Mit.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       10:12:59

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL92           0   0.19551E-03  492131.2 3761283.4   684.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL93           0   0.19551E-03  492405.4 3761167.1   697.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL94           0   0.19551E-03  492989.8 3761059.4   667.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL95           0   0.19551E-03  492406.9 3761303.7   693.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL96           0   0.19551E-03  492264.6 3761164.4   686.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL97           0   0.19551E-03  492262.2 3761065.7   678.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL98           0   0.19551E-03  492851.0 3761061.6   685.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL99           0   0.19551E-03  492268.1 3761302.9   695.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL100          0   0.19551E-03  492734.4 3761330.7   695.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL101          0   0.19551E-03  492732.0 3761189.2   696.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL102          0   0.19551E-03  492714.5 3761063.8   701.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL103          0   0.19551E-03  492701.0 3761466.3   683.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL104          0   0.19551E-03  492600.0 3761332.9   685.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL105          0   0.19551E-03  492597.7 3761191.4   696.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL106          0   0.19551E-03  492580.2 3761066.0   698.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL107          0   0.19551E-03  492562.2 3761461.2   684.1     5.00    31.82     1.40
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YES	HRDOW		NO						
VOL108		0	0.19551E-03	492545.0	3761317.5	683.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL109		0	0.19551E-03	492542.6	3761176.0	698.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL110		0	0.19551E-03	492406.8	3761031.4	681.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL111		0	0.19551E-03	493157.8	3761045.0	679.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL112		0	0.19551E-03	492547.6	3761006.4	698.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL113		0	0.19551E-03	492686.4	3761006.4	700.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL114		0	0.19551E-03	492827.3	3761010.8	686.2	5.00	31.82	1.40
YES	HRDOW		NO						
VOL115		0	0.19551E-03	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL116		0	0.19551E-03	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL117		0	0.19551E-03	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES	HRDOW		NO						
VOL118		0	0.19551E-03	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL119		0	0.19551E-03	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES	HRDOW		NO						
VOL120		0	0.19551E-03	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL121		0	0.19551E-03	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL122		0	0.19551E-03	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL123		0	0.19551E-03	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL124		0	0.19551E-03	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL125		0	0.19551E-03	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL126		0	0.19551E-03	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES	HRDOW		NO						
VOL127		0	0.19551E-03	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL128		0	0.19551E-03	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL129		0	0.19551E-03	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL130		0	0.19551E-03	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL131		0	0.19551E-03	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES	HRDOW		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY

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 - - -
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 ,
	VOL99 , VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 ,
	VOL107 , VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 ,
	VOL115 , VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 ,
	VOL123 , VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 ,
	VOL131 , VOL132 , VOL133 , VOL134 , VOL135 , VOL136 , VOL137 , VOL138 ,
	VOL139 , VOL140 , VOL141 , VOL142 , VOL143 , VOL144 , VOL145 , VOL146 ,
	VOL147 , VOL148 , VOL149 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	PAREA1 , VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 ,
		VOL99 , VOL100 , VOL101 , VOL102 , VOL103 , VOL104 , VOL105 , VOL106 ,
		VOL107 , VOL108 , VOL109 , VOL110 , VOL111 , VOL112 , VOL113 , VOL114 ,
		VOL115 , VOL116 , VOL117 , VOL118 , VOL119 , VOL120 , VOL121 , VOL122 ,
		VOL123 , VOL124 , VOL125 , VOL126 , VOL127 , VOL128 , VOL129 , VOL130 ,
		VOL131 , VOL132 , VOL133 , VOL134 , VOL135 , VOL136 , VOL137 , VOL138 ,

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           VOL139      , VOL140      , VOL141      , VOL142      , VOL143      , VOL144      ,
           VOL145      , VOL146      ,

           VOL147      , VOL148      , VOL149      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:12:59

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:12:59

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL92        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:12:59

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL95        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:12:59

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL98 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL99 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL100 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:12:59

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL102       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:12:59

                     PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL103       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SOURCE ID = VOL112       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:12:59

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL113       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 10:12:59

PAGE 34
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL118 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL121 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01										

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL127 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/11/24
*** AERMET - VERSION 16216 ***
*** *** 10:12:59

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL137 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL138 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL139   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL141 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL143 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL144 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL145 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL146 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL147 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL149 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,

730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,

```
     719.0,     725.0,       2.0);
     ( 493797.6, 3761658.3,     720.2,     725.0,       2.0);         ( 493831.9, 3761631.5,
     722.8,     724.0,       2.0);
     ( 493900.2, 3761664.0,     723.5,     723.5,       2.0);         ( 493918.6, 3761666.1,
     722.4,     725.0,       2.0);
     ( 493929.5, 3761662.2,     721.1,     725.0,       2.0);         ( 493945.8, 3761667.9,
     723.3,     723.3,       2.0);
     ( 493758.4, 3761524.3,     724.8,     724.8,       2.0);         ( 493961.0, 3761672.8,
     724.3,     724.3,       2.0);
     ( 493975.2, 3761679.6,     722.8,     722.8,       2.0);         ( 493987.5, 3761687.7,
     723.2,     723.2,       2.0);
     ( 493998.9, 3761697.2,     722.6,     726.0,       2.0);         ( 494007.7, 3761707.5,
     723.6,     726.0,       2.0);
     ( 494016.9, 3761718.1,     725.7,     725.7,       2.0);         ( 494024.7, 3761730.8,
     723.5,     726.0,       2.0);
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:12:59

                      PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                    (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS
               INCLUDED IN THE DATA FILE.


                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
                                  ***
                                                  (METERS/SEC)

                                               1.54,   3.09,   5.14,   8.23,  10.80,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:12:59

                      PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:
   RDLD_V9_ADJU\RDLD_v9.SFC                                                  Met
   Version:  16216
   Profile file:
```

RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , VOL92 ,
VOL93 , VOL94 , VOL95 ,
VOL96 , VOL97 , VOL98 , VOL99 , VOL100 ,
VOL101 , VOL102 , VOL103 ,
VOL104 , VOL105 , VOL106 , VOL107 , VOL108 ,
VOL109 , VOL110 , VOL111 ,
VOL112 , VOL113 , VOL114 , VOL115 , VOL116 ,
VOL117 , VOL118 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.01682	(12022724)	493409.97	3761986.39	0.01440	(15121524)
493417.46	3761972.99	0.01501	(12121824)	493468.31	3761958.40	0.01613	(16112824)
493499.84	3761947.37	0.01719	(16112824)	493614.36	3761892.81	0.02492	(16112824)
493613.66	3761905.05	0.02077	(16112824)	493614.36	3761917.12	0.01845	(16112824)
493614.36	3761927.44	0.01718	(16112824)	493613.31	3761940.20	0.01595	(16112824)
493616.46	3761952.10	0.01497	(16112824)	493615.23	3761961.71	0.01430	(16112824)
493614.53	3761973.78	0.01347	(16112824)	493614.01	3761984.98	0.01282	(16112824)
493613.66	3761996.52	0.01218	(16112824)	493614.18	3762007.36	0.01161	(16112824)
493615.76	3762018.56	0.01102	(16112824)	493614.71	3762025.73	0.01078	(15121524)
493614.36	3762035.00	0.01057	(15121524)	493613.13	3762043.74	0.01040	(15121524)
493613.66	3762052.14	0.01023	(15121524)	493613.83	3762061.58	0.01005	(15121524)
493614.18	3762071.55	0.00987	(15121524)	493696.46	3761742.53	0.01910	(16112824)
493707.35	3761768.92	0.01783	(16112824)	493727.98	3761742.80	0.01801	(16112824)
493755.61	3761733.69	0.01704	(16112824)	493750.48	3761720.58	0.01708	(16112824)
493745.92	3761709.48	0.01705	(16112824)	493741.37	3761696.95	0.01694	(16112824)
493738.52	3761681.00	0.01690m	(15123124)	493737.38			

```
      3761663.91        0.01724m (15123124)
      493736.52   3761651.38        0.01755m (15123124)               494418.08
      3761416.13        0.02401  (13112024)
      494473.73   3761368.11        0.02155  (16011524)               494939.85
      3761394.35        0.01156  (15012024)
      494686.37   3761403.42        0.01322  (15012024)               494575.98
      3761568.60        0.01113  (15012024)
      494541.49   3761602.79        0.01075  (15012024)               494822.53
      3761435.24        0.01181  (15012024)
      494846.18   3761504.63        0.01092  (15012024)               494841.06
      3761535.78        0.01059  (15012024)
      494837.90   3761553.12        0.01040  (15012024)               494885.61
      3761199.09        0.01341  (15012024)
      494976.68   3761325.65        0.01184  (15012024)               494985.35
      3761366.25        0.01150  (15012024)
      495070.90   3761299.23        0.01145  (15012024)               495115.47
      3760632.60        0.01120  (14013024)
      495069.03   3760685.30        0.01139  (14013024)               495087.55
      3760728.31        0.01143  (14013024)
      495079.90   3760834.52        0.01254  (16122224)               495202.38
      3760883.65        0.01132  (16122224)
      495237.63   3760939.31        0.01121  (15012024)               495298.45
      3761048.56        0.01091  (15012024)
      490844.43   3759375.83        0.00634  (13012524)               490895.79
      3759357.70        0.00604  (13012524)
      490596.67   3759246.67        0.00617  (13012524)               489103.59
      3759859.22        0.00765  (13012524)
      488940.48   3759893.26        0.00728  (13012524)               488472.34
      3759865.64        0.00678  (13012524)
      488432.53   3759884.27        0.00671  (13012524)               488713.15
      3759827.76        0.00710  (13012524)
      487562.29   3760285.62        0.00450  (15122224)               487809.35
      3760420.86        0.00454  (15122224)
      487553.10   3761208.24        0.00450  (13012224)               487899.76
      3760972.40        0.00481  (13012224)
      487983.18   3762301.23        0.00794m (13123124)               487913.66
      3762403.25        0.00790m (13123124)
      487890.59   3762238.09        0.00771m (13123124)               488190.14
      3762513.88        0.00811m (13123124)
      488424.39   3762586.51        0.00813m (13123124)               488657.54
      3762495.87        0.00865m (13123124)
      488908.17   3762583.23        0.00853m (13123124)               489170.26
      3762660.77        0.00831m (13123124)
      489382.17   3762809.64        0.00777  (15011224)               489294.91
      3762783.65        0.00748  (15011224)
      489889.72   3762661.22        0.00898  (13111224)               490022.93
      3762783.29        0.01009  (14120324)
      490423.96   3762839.25        0.01119  (14120324)               490375.94
      3762870.37        0.01098  (14120324)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/11/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       10:12:59

                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     PAREA1      , VOL92       ,
                              VOL93       , VOL94       , VOL95       ,
                VOL96       , VOL97       , VOL98       , VOL99       , VOL100      ,
                VOL101      , VOL102      , VOL103      ,
                VOL104      , VOL105      , VOL106      , VOL107      , VOL108      ,
                VOL109      , VOL110      , VOL111      ,
                VOL112      , VOL113      , VOL114      , VOL115      , VOL116      ,
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VOL117 , VOL118 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.02120	(16122324)	491132.33	3762903.51	0.01610	(16010524)
492890.84	3762203.51	0.01772	(16122224)	492961.55	3762258.51	0.01469	(16122224)
493033.99	3762272.60	0.01357	(16122224)	493032.31	3762205.18	0.01518	(16122224)
493087.32	3762215.25	0.01409	(16122224)	493079.94	3762296.41	0.01283	(16122224)
493163.79	3762367.18	0.01150	(16122224)	493068.87	3762510.05	0.01097	(16122224)
493101.07	3762454.71	0.01120	(16122224)	493281.84	3762369.19	0.01062	(13121924)
493351.51	3762095.42	0.01695	(12022724)	493439.48	3762105.84	0.01293	(12022724)
493972.90	3763044.23	0.00597	(13030724)	493957.03	3763184.09	0.00537	(16122224)
493583.55	3763480.45	0.00668	(16122224)	493258.47	3763568.15	0.00756	(16122224)
492895.78	3763485.72	0.00930	(16122224)	493781.01	3761659.05	0.01565m	(15123124)
493797.63	3761658.35	0.01523m	(15123124)	493831.94	3761631.47	0.01494m	(15123124)
493900.20	3761664.01	0.01315	(15012024)	493918.59	3761666.13	0.01302	(13121924)
493929.55	3761662.24	0.01342	(13121924)	493945.82	3761667.90	0.01305	(16122324)
493758.37	3761524.30	0.01748m	(15123124)	493961.03	3761672.85	0.01277	(16122324)
493975.18	3761679.57	0.01252	(16122324)	493987.55	3761687.70	0.01211	(16122324)
493998.87	3761697.25	0.01173	(15012024)	494007.71	3761707.51	0.01150	(15012024)
494016.91	3761718.12	0.01127	(15012024)	494024.69	3761730.85	0.01110	(16112824)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID

ALL HIGH 1ST HIGH VALUE IS 0.02492 ON 16112824: AT (493614.36, 3761892.81, 711.29, 711.29, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1152 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1152 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Cons CO
Mit\15218 Ph3 Cons CO Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Cons CO Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL104       VOLUME     493749.696  3761059.641      695.400
   LOCATION VOL105       VOLUME     493507.450  3761023.328      673.640
   LOCATION VOL107       VOLUME     493890.427  3760919.195      681.330
   LOCATION VOL108       VOLUME     493613.293  3761138.942      682.050
   LOCATION VOL109       VOLUME     493754.025  3761199.426      679.040
   LOCATION VOL111       VOLUME     493779.276  3760960.619      683.690
   LOCATION VOL128       VOLUME     492283.639  3761437.474      678.030
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL150       VOLUME     492416.902  3761421.423      681.890
   LOCATION VOL151       VOLUME     492418.822  3761492.472      683.250
   LOCATION VOL152       VOLUME     493641.420  3761004.972      694.240
   LOCATION VOL153       VOLUME     493890.036  3761134.996      695.440
   LOCATION VOL154       VOLUME     494031.022  3761122.113      705.990
   LOCATION VOL155       VOLUME     492154.198  3761401.356      673.300
   LOCATION VOL156       VOLUME     492288.246  3761527.036      680.030
   LOCATION VOL157       VOLUME     492148.069  3761523.196      686.780
   LOCATION VOL158       VOLUME     493893.533  3760995.881      685.290
   LOCATION VOL159       VOLUME     492019.413  3761381.098      662.590
   LOCATION VOL160       VOLUME     492009.812  3761515.515      681.150
   LOCATION VOL161       VOLUME     494132.663  3761649.533      709.980
   LOCATION VOL162       VOLUME     494261.206  3761648.353      714.530
   LOCATION VOL163       VOLUME     494491.167  3761223.809      717.430
   LOCATION VOL164       VOLUME     494629.144  3761134.183      709.500
   LOCATION VOL165       VOLUME     494493.526  3761083.473      708.580
   LOCATION VOL166       VOLUME     494353.190  3761182.534      720.430
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   LOCATION VOL167       VOLUME     494362.624  3761052.812      710.610
   LOCATION VOL168       VOLUME     494491.167  3761009.178      704.390
   LOCATION VOL169       VOLUME     493392.928  3761788.968      708.460
   LOCATION VOL170       VOLUME     493528.405  3761787.336      707.000
   LOCATION VOL171       VOLUME     491215.229  3762452.664      661.730
   LOCATION VOL172       VOLUME     491230.591  3762314.402      665.540
   LOCATION VOL173       VOLUME     491249.794  3762195.342      671.260
   LOCATION VOL174       VOLUME     491094.249  3762356.648      663.750
   LOCATION VOL175       VOLUME     491115.373  3762216.466      667.790
   LOCATION VOL176       VOLUME     490909.900  3762549.264      633.300
   LOCATION VOL177       VOLUME     490775.478  3762533.317      631.650
   LOCATION VOL178       VOLUME     490637.216  3762519.875      629.070
   LOCATION VOL179       VOLUME     491078.887  3762466.106      660.660
   LOCATION VOL180       VOLUME     490498.954  3762512.193      635.840
   LOCATION VOL181       VOLUME     490364.532  3762573.643      671.030
   LOCATION VOL182       VOLUME     490364.532  3762435.381      676.870
   LOCATION VOL183       VOLUME     490410.620  3762373.931      664.610
   LOCATION VOL184       VOLUME     490326.126  3762302.880      660.860
   LOCATION VOL185       VOLUME     490228.190  3762571.723      657.380
   LOCATION VOL186       VOLUME     490230.111  3762441.142      673.280
   LOCATION VOL187       VOLUME     490195.545  3762302.880      671.310
   LOCATION VOL188       VOLUME     490220.509  3762166.538      664.260
   LOCATION VOL189       VOLUME     490089.928  3762523.715      653.350
   LOCATION VOL190       VOLUME     490088.008  3762385.453      661.110
   LOCATION VOL191       VOLUME     489955.507  3762475.707      643.010
   LOCATION VOL192       VOLUME     490001.594  3762333.605      667.880
   LOCATION VOL193       VOLUME     490151.378  3762034.037      659.930
   LOCATION VOL194       VOLUME     490091.849  3762249.111      666.270
   LOCATION VOL195       VOLUME     489953.586  3762197.263      681.110
   LOCATION VOL196       VOLUME     490086.088  3762112.769      673.540
   LOCATION VOL197       VOLUME     489947.825  3762124.291      673.200
   LOCATION VOL198       VOLUME     489892.136  3762473.787      651.240
   LOCATION VOL199       VOLUME     489853.730  3762070.522      673.760
   LOCATION VOL200       VOLUME     489869.093  3761938.021      668.150
   LOCATION VOL201       VOLUME     489974.710  3761826.643      660.400
   LOCATION VOL202       VOLUME     490116.813  3761751.751      671.890
   LOCATION VOL203       VOLUME     490256.995  3761690.301      674.720
   LOCATION VOL204       VOLUME     490393.337  3761665.337      678.070
   LOCATION VOL205       VOLUME     490527.758  3761682.620      679.320
   LOCATION VOL206       VOLUME     490667.941  3761671.098      675.280
   LOCATION VOL207       VOLUME     490808.123  3761617.330      676.030
   LOCATION VOL208       VOLUME     490946.386  3761582.764      678.760
   LOCATION VOL209       VOLUME     491080.807  3761582.764      667.820
   LOCATION VOL210       VOLUME     491220.990  3761577.003      664.830
   LOCATION VOL211       VOLUME     491357.332  3761571.242      660.970
   LOCATION VOL212       VOLUME     491439.905  3761617.330      666.070
   LOCATION VOL213       VOLUME     491340.049  3762517.954      684.400
   LOCATION VOL214       VOLUME     491466.789  3762508.353      683.340
   LOCATION VOL215       VOLUME     490943.670  3762440.214      631.910
   LOCATION VOL216       VOLUME     494028.049  3760984.581      693.680
   LOCATION VOL217       VOLUME     494030.153  3760923.557      693.640
   LOCATION VOL218       VOLUME     494169.035  3761123.463      703.550
   LOCATION VOL219       VOLUME     494169.035  3760982.477      693.170
   LOCATION VOL220       VOLUME     494263.727  3761119.254      696.820
   LOCATION VOL221       VOLUME     494267.936  3761009.832      695.080
** Source Parameters **
   SRCPARAM VOL104       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL105       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL107       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL108       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL109       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL111       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL128       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL130       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL131       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL132       0.0358638545     5.000    31.816     1.400
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SRCPARAM VOL133       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL150       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL151       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL152       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL153       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL154       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL155       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL156       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL157       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL158       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL159       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL160       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL161       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL162       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL163       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL164       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL165       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL166       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL167       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL168       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL169       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL170       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL171       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL172       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL173       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL174       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL175       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL176       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL177       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL178       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL179       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL180       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL181       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL182       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL183       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL184       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL185       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL186       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL187       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL188       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL189       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL190       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL191       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL192       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL193       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL194       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL195       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL196       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL197       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL198       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL199       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL200       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL201       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL202       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL203       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL204       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL205       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL206       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL207       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL208       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL209       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL210       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL211       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL212       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL213       0.0358638545     5.000    31.816     1.400
SRCPARAM VOL214       0.0358638545     5.000    31.816     1.400
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   SRCPARAM VOL215       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL216       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL217       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL218       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL219       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL220       0.0358638545     5.000    31.816     1.400
   SRCPARAM VOL221       0.0358638545     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL150       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL151       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL152       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL153       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL154       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL155       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL156       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL157       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL158       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL159       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL160       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL161       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL162       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL163       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL164       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL165       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL166       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL167       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL168       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL169       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL170       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL171       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL172       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL173       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL174       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL175       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL176       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL177       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL178       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL179       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL180       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL181       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL182       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL183       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL184       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL185       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL186       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL187       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL188       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL189       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL190       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL191       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL192       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL193       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL194       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL195       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL196       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL197       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL198       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL199       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL200       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL201       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL202       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL203       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL204       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL205       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL206       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL207       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL208       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL209       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL210       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL211       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL212       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL213       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL214       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL215       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Cons CO Mit.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH3 CONS CO MIT.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH3 CONS CO MIT.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph3 Cons CO Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1477       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1477       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Cons CO
Mit.err
**File for Summary of Results: 15218 Ph3 Cons CO
Mit.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL104	0	0.35864E-01	493749.7	3761059.6	695.4	5.00	31.82	1.40	YES HRDOW
VOL105	0	0.35864E-01	493507.5	3761023.3	673.6	5.00	31.82	1.40	YES HRDOW
VOL107	0	0.35864E-01	493890.4	3760919.2	681.3	5.00	31.82	1.40	YES HRDOW
VOL108	0	0.35864E-01	493613.3	3761138.9	682.0	5.00	31.82	1.40	YES HRDOW
VOL109	0	0.35864E-01	493754.0	3761199.4	679.0	5.00	31.82	1.40	YES HRDOW
VOL111	0	0.35864E-01	493779.3	3760960.6	683.7	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.35864E-01	492283.6	3761437.5	678.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.35864E-01	493065.2	3761816.8	708.6	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.35864E-01	493058.6	3761717.7	705.2	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.35864E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.35864E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40	YES HRDOW
VOL150	0	0.35864E-01	492416.9	3761421.4	681.9	5.00	31.82	1.40	YES HRDOW
VOL151	0	0.35864E-01	492418.8	3761492.5	683.2	5.00	31.82	1.40	YES HRDOW
VOL152	0	0.35864E-01	493641.4	3761005.0	694.2	5.00	31.82	1.40	YES HRDOW
VOL153	0	0.35864E-01	493890.0	3761135.0	695.4	5.00	31.82	1.40	YES HRDOW
VOL154	0	0.35864E-01	494031.0	3761122.1	706.0	5.00	31.82	1.40	YES HRDOW
VOL155	0	0.35864E-01	492154.2	3761401.4	673.3	5.00	31.82	1.40	YES HRDOW

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 VOL156          0   0.35864E-01  492288.2 3761527.0   680.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL157          0   0.35864E-01  492148.1 3761523.2   686.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL158          0   0.35864E-01  493893.5 3760995.9   685.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL159          0   0.35864E-01  492019.4 3761381.1   662.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL160          0   0.35864E-01  492009.8 3761515.5   681.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL161          0   0.35864E-01  494132.7 3761649.5   710.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL162          0   0.35864E-01  494261.2 3761648.4   714.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL163          0   0.35864E-01  494491.2 3761223.8   717.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL164          0   0.35864E-01  494629.1 3761134.2   709.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL165          0   0.35864E-01  494493.5 3761083.5   708.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL166          0   0.35864E-01  494353.2 3761182.5   720.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL167          0   0.35864E-01  494362.6 3761052.8   710.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL168          0   0.35864E-01  494491.2 3761009.2   704.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL169          0   0.35864E-01  493392.9 3761789.0   708.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL170          0   0.35864E-01  493528.4 3761787.3   707.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL171          0   0.35864E-01  491215.2 3762452.7   661.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL172          0   0.35864E-01  491230.6 3762314.4   665.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL173          0   0.35864E-01  491249.8 3762195.3   671.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL174          0   0.35864E-01  491094.2 3762356.6   663.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL175          0   0.35864E-01  491115.4 3762216.5   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL176          0   0.35864E-01  490909.9 3762549.3   633.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL177          0   0.35864E-01  490775.5 3762533.3   631.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL178          0   0.35864E-01  490637.2 3762519.9   629.1     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
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VOL179 0 0.35864E-01 491078.9 3762466.1 660.7 5.00 31.82 1.40
YES HRDOW NO
VOL180 0 0.35864E-01 490499.0 3762512.2 635.8 5.00 31.82 1.40
YES HRDOW NO
VOL181 0 0.35864E-01 490364.5 3762573.6 671.0 5.00 31.82 1.40
YES HRDOW NO
VOL182 0 0.35864E-01 490364.5 3762435.4 676.9 5.00 31.82 1.40
YES HRDOW NO
VOL183 0 0.35864E-01 490410.6 3762373.9 664.6 5.00 31.82 1.40
YES HRDOW NO
VOL184 0 0.35864E-01 490326.1 3762302.9 660.9 5.00 31.82 1.40
YES HRDOW NO
VOL185 0 0.35864E-01 490228.2 3762571.7 657.4 5.00 31.82 1.40
YES HRDOW NO
VOL186 0 0.35864E-01 490230.1 3762441.1 673.3 5.00 31.82 1.40
YES HRDOW NO
VOL187 0 0.35864E-01 490195.5 3762302.9 671.3 5.00 31.82 1.40
YES HRDOW NO
VOL188 0 0.35864E-01 490220.5 3762166.5 664.3 5.00 31.82 1.40
YES HRDOW NO
VOL189 0 0.35864E-01 490089.9 3762523.7 653.3 5.00 31.82 1.40
YES HRDOW NO
VOL190 0 0.35864E-01 490088.0 3762385.5 661.1 5.00 31.82 1.40
YES HRDOW NO
VOL191 0 0.35864E-01 489955.5 3762475.7 643.0 5.00 31.82 1.40
YES HRDOW NO
VOL192 0 0.35864E-01 490001.6 3762333.6 667.9 5.00 31.82 1.40
YES HRDOW NO
VOL193 0 0.35864E-01 490151.4 3762034.0 659.9 5.00 31.82 1.40
YES HRDOW NO
VOL194 0 0.35864E-01 490091.8 3762249.1 666.3 5.00 31.82 1.40
YES HRDOW NO
VOL195 0 0.35864E-01 489953.6 3762197.3 681.1 5.00 31.82 1.40
YES HRDOW NO
VOL196 0 0.35864E-01 490086.1 3762112.8 673.5 5.00 31.82 1.40
YES HRDOW NO
VOL197 0 0.35864E-01 489947.8 3762124.3 673.2 5.00 31.82 1.40
YES HRDOW NO
VOL198 0 0.35864E-01 489892.1 3762473.8 651.2 5.00 31.82 1.40
YES HRDOW NO
VOL199 0 0.35864E-01 489853.7 3762070.5 673.8 5.00 31.82 1.40
YES HRDOW NO
VOL200 0 0.35864E-01 489869.1 3761938.0 668.1 5.00 31.82 1.40
YES HRDOW NO
VOL201 0 0.35864E-01 489974.7 3761826.6 660.4 5.00 31.82 1.40
YES HRDOW NO
VOL202 0 0.35864E-01 490116.8 3761751.8 671.9 5.00 31.82 1.40
YES HRDOW NO
VOL203 0 0.35864E-01 490257.0 3761690.3 674.7 5.00 31.82 1.40
YES HRDOW NO
VOL204 0 0.35864E-01 490393.3 3761665.3 678.1 5.00 31.82 1.40
YES HRDOW NO
VOL205 0 0.35864E-01 490527.8 3761682.6 679.3 5.00 31.82 1.40
YES HRDOW NO
VOL206 0 0.35864E-01 490667.9 3761671.1 675.3 5.00 31.82 1.40
YES HRDOW NO
VOL207 0 0.35864E-01 490808.1 3761617.3 676.0 5.00 31.82 1.40
YES HRDOW NO
VOL208 0 0.35864E-01 490946.4 3761582.8 678.8 5.00 31.82 1.40
YES HRDOW NO
VOL209 0 0.35864E-01 491080.8 3761582.8 667.8 5.00 31.82 1.40
YES HRDOW NO
VOL210 0 0.35864E-01 491221.0 3761577.0 664.8 5.00 31.82 1.40
YES HRDOW NO
VOL211 0 0.35864E-01 491357.3 3761571.2 661.0 5.00 31.82 1.40
YES HRDOW NO

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 VOL212           0   0.35864E-01  491439.9 3761617.3   666.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL213           0   0.35864E-01  491340.0 3762518.0   684.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL214           0   0.35864E-01  491466.8 3762508.4   683.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL215           0   0.35864E-01  490943.7 3762440.2   631.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL216           0   0.35864E-01  494028.0 3760984.6   693.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL217           0   0.35864E-01  494030.2 3760923.6   693.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL218           0   0.35864E-01  494169.0 3761123.5   703.5     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 VOL219           0   0.35864E-01  494169.0 3760982.5   693.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL220           0   0.35864E-01  494263.7 3761119.3   696.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL221           0   0.35864E-01  494267.9 3761009.8   695.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                      PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL104      , VOL105      , VOL107      , VOL108      , VOL109      , VOL111      ,
  VOL128      , VOL130      ,

             VOL131      , VOL132      , VOL133      , VOL150      , VOL151      , VOL152      ,
             VOL153      , VOL154      ,

             VOL155      , VOL156      , VOL157      , VOL158      , VOL159      , VOL160      ,
             VOL161      , VOL162      ,

             VOL163      , VOL164      , VOL165      , VOL166      , VOL167      , VOL168      ,
             VOL169      , VOL170      ,
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VOL171 , VOL172 , VOL173 , VOL174 , VOL175 , VOL176 ,
VOL177 , VOL178 ,

VOL179 , VOL180 , VOL181 , VOL182 , VOL183 , VOL184 ,
VOL185 , VOL186 ,

VOL187 , VOL188 , VOL189 , VOL190 , VOL191 , VOL192 ,
VOL193 , VOL194 ,

VOL195 , VOL196 , VOL197 , VOL198 , VOL199 , VOL200 ,
VOL201 , VOL202 ,

VOL203 , VOL204 , VOL205 , VOL206 , VOL207 , VOL208 ,
VOL209 , VOL210 ,

VOL211 , VOL212 , VOL213 , VOL214 , VOL215 , VOL216 ,
VOL217 , VOL218 ,

VOL219 , VOL220 , VOL221 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL104 , VOL105 , VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 ,
		VOL131 , VOL132 , VOL133 , VOL150 , VOL151 , VOL152 , VOL153 , VOL154 ,
		VOL155 , VOL156 , VOL157 , VOL158 , VOL159 , VOL160 , VOL161 , VOL162 ,
		VOL163 , VOL164 , VOL165 , VOL166 , VOL167 , VOL168 , VOL169 , VOL170 ,
		VOL171 , VOL172 , VOL173 , VOL174 , VOL175 , VOL176 , VOL177 , VOL178 ,
		VOL179 , VOL180 , VOL181 , VOL182 , VOL183 , VOL184 , VOL185 , VOL186 ,
		VOL187 , VOL188 , VOL189 , VOL190 , VOL191 , VOL192 , VOL193 , VOL194 ,
		VOL195 , VOL196 , VOL197 , VOL198 , VOL199 , VOL200 , VOL201 , VOL202 ,
		VOL203 , VOL204 , VOL205 , VOL206 , VOL207 , VOL208 , VOL209 , VOL210 ,
		VOL211 , VOL212 , VOL213 , VOL214 , VOL215 , VOL216 , VOL217 , VOL218 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL109       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL111       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       17:32:03

                      PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL128       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       17:32:03
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:32:03

PAGE 18
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL150 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL152       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL153 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL157 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL159 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL160 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL162 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL163 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL166       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL167       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:32:03

                     PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL168       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:32:03

                     PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL169       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:32:03

                      PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL170       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL171 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL172 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL173 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL174 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL175 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL177 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL178 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL179 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL180 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL181 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL182 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL183 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL184 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL187 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL188 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL189 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL190 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL191 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL192 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL193 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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 SOURCE ID = VOL194       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                      PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL195       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL196   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL198       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL199       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL200 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL201 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL202 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL203 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL204 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL205 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL206 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL207 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL209 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL211       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL214 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL215 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL218       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8,	3762037.3,	711.3,	711.3,	2.0);	(493410.0,	3761986.4,	713.0,	713.0,	2.0);
(493417.5,	3761973.0,	713.0,	713.0,	2.0);	(493468.3,	3761958.4,	714.0,	714.0,	2.0);
(493499.8,	3761947.4,	713.9,	713.9,	2.0);	(493614.4,	3761892.8,	711.3,	711.3,	2.0);
(493613.7,	3761905.0,	712.0,	712.0,	2.0);	(493614.4,	3761917.1,	712.9,	712.9,	2.0);
(493614.4,	3761927.4,	713.5,	713.5,	2.0);	(493613.3,	3761940.2,	714.2,	714.2,	2.0);
(493616.5,	3761952.1,	714.8,	714.8,	2.0);	(493615.2,	3761961.7,	715.2,	715.2,	2.0);
(493614.5,	3761973.8,	715.6,	715.6,	2.0);	(493614.0,	3761985.0,	716.0,	716.0,	2.0);
(493613.7,	3761996.5,	716.0,	716.0,	2.0);	(493614.2,	3762007.4,	716.0,	716.0,	2.0);
(493615.8,	3762018.6,	716.0,	716.0,	2.0);	(493614.7,	3762025.7,	716.1,	716.1,	2.0);

(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7,
716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6,
716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5,
707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8,
710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6,
712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
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(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
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(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);

(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5

```
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:32:03

                      PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL104      , VOL105      ,
                                 VOL107      , VOL108      , VOL109      ,
                  VOL111      , VOL128      , VOL130      , VOL131      , VOL132      ,
                  VOL133      , VOL150      , VOL151      ,
                  VOL152      , VOL153      , VOL154      , VOL155      , VOL156      ,
                  VOL157      , VOL158      , VOL159      ,
                  VOL160      , VOL161      , VOL162      , VOL163      , VOL164      ,
                  VOL165      , VOL166      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO       IN
                                       MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
- - - -
```

493499.84 3761947.37 8.70675 (12022716) 493614.36
3761892.81 15.21271 (12022716)
493613.66 3761905.05 14.21436 (12022716) 493614.36
3761917.12 13.05804 (12022716)
493614.36 3761927.44 12.11331 (12022716) 493613.31
3761940.20 11.02421 (12022716)
493616.46 3761952.10 10.08492 (12022716) 493615.23
3761961.71 9.40127 (12022716)
493614.53 3761973.78 8.61893 (12022716) 493614.01
3761984.98 7.96709 (12022716)
493613.66 3761996.52 7.37512 (12022716) 493614.18
3762007.36 6.88605 (12022716)
493615.76 3762018.56 6.44208 (12022716) 493614.71
3762025.73 6.15271 (12022716)
493614.36 3762035.00 5.81747 (12022716) 493613.13
3762043.74 5.51528 (12022716)
493613.66 3762052.14 5.26564 (12022716) 493613.83
3762061.58 5.00202 (12022716)
493614.18 3762071.55 4.74920 (12022716) 493696.46
3761742.53 6.66638 (14010316)
493707.35 3761768.92 6.24404 (15121016) 493727.98
3761742.80 6.50849 (12121716)
493755.61 3761733.69 7.04628 (12121716) 493750.48
3761720.58 7.30784 (12121716)
493745.92 3761709.48 6.53149 (12121716) 493741.37
3761696.95 6.54563 (12121716)
493738.52 3761681.00 6.48154 (12121716) 493737.38
3761663.91 7.10914 (12121716)
493736.52 3761651.38 6.61814 (16122116) 494418.08
3761416.13 14.13255 (12022716)
494473.73 3761368.11 19.77865 (12022716) 494939.85
3761394.35 5.55485 (16112816)
494686.37 3761403.42 14.11387 (12022716) 494575.98
3761568.60 9.91193 (12022716)
494541.49 3761602.79 8.58726 (12022716) 494822.53
3761435.24 8.99751 (12022716)
494846.18 3761504.63 8.46315 (12022716) 494841.06
3761535.78 8.59389 (12022716)
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494976.68 3761325.65 6.32562 (16112816) 494985.35
3761366.25 5.96178 (16112816)
495070.90 3761299.23 3.80390 (16112816) 495115.47
3760632.60 7.97421 (12121716)
495069.03 3760685.30 8.71229 (12121716) 495087.55
3760728.31 9.21261 (12121716)
495079.90 3760834.52 9.42175 (12121716) 495202.38
3760883.65 8.19337 (12121716)
495237.63 3760939.31 6.94743 (12121716) 495298.45
3761048.56 4.52341 (12121716)
490844.43 3759375.83 0.90304 (14021809) 490895.79
3759357.70 0.88613 (14021809)
490596.67 3759246.67 0.95140 (14021809) 489103.59
3759859.22 1.26779 (12021516)
488940.48 3759893.26 1.38345 (12021516) 488472.34
3759865.64 1.67719 (12021516)
488432.53 3759884.27 1.71547 (12021516) 488713.15
3759827.76 1.46085 (12021516)
487562.29 3760285.62 0.78724 (16012009) 487809.35
3760420.86 0.80804 (16012009)
487553.10 3761208.24 1.19079 (16102416) 487899.76
3760972.40 1.04396 (16102416)
487983.18 3762301.23 2.54937 (16123016) 487913.66
3762403.25 2.56248 (16123016)
487890.59 3762238.09 2.40155 (16123016) 488190.14
3762513.88 2.84010 (16123016)

488424.39 3762586.51 3.07430 (16123016) 488657.54
3762495.87 3.57169 (16123016)
488908.17 3762583.23 4.12531 (16123016) 489170.26
3762660.77 5.17759 (14120316)
489382.17 3762809.64 6.90938 (14120316) 489294.91
3762783.65 6.31060 (14120316)
489889.72 3762661.22 17.30620 (14120316) 490022.93
3762783.29 10.39852 (14120316)
490423.96 3762839.25 11.83764 (12022716) 490375.94
3762870.37 9.40261 (12022716)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL104 , VOL105 ,
VOL107 , VOL108 , VOL109 ,
VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
VOL133 , VOL150 , VOL151 ,
VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
VOL157 , VOL158 , VOL159 ,
VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
VOL165 , VOL166 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	7.93375	(12022716)	491132.33	3762903.51	7.43872	(12022716)
492890.84	3762203.51	3.63227	(12022716)	492961.55	3762258.51	3.18077	(12022716)
493033.99	3762272.60	2.81744	(12022716)	493032.31	3762205.18	2.92358	(12022716)
493087.32	3762215.25	2.77725	(12022716)	493079.94	3762296.41	2.64775	(12022716)
493163.79	3762367.18	2.61185	(12022716)	493068.87	3762510.05	2.22135	(12022716)
493101.07	3762454.71	2.36015	(12022716)	493281.84	3762369.19	3.10914	(12022716)
493351.51	3762095.42	7.25715	(12022716)	493439.48	3762105.84	4.50627	(12022716)
493972.90	3763044.23	2.25683	(14123016)	493957.03	3763184.09	2.04993	(14123016)
493583.55	3763480.45	1.77768	(16112816)	493258.47	3763568.15	1.71976	(16112816)
492895.78	3763485.72	1.45116	(16112816)	493781.01	3761659.05	7.41215	(12121716)
493797.63	3761658.35	7.25160	(12121716)	493831.94	3761631.47	6.83051	(12121716)
493900.20	3761664.01	6.23857	(16123016)	493918.59	3761666.13	7.11459	(16123016)
493929.55	3761662.24	7.61368	(16123016)	493945.82	3761667.90	8.60347	(16123016)
493758.37	3761524.30	7.43539	(16122116)	493961.03	3761672.85	9.59023	(16123016)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL104 , VOL105 , VOL107 , VOL108 , VOL109 ,
VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
VOL133 , VOL150 , VOL151 ,
VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
VOL157 , VOL158 , VOL159 ,
VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
VOL165 , VOL166 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	1.91721	(16122316)	493409.97	3761986.39	2.32453	(16122316)
493417.46	3761972.99	2.47931	(16122316)	493468.31	3761958.40	2.55446	(13121916)
493499.84	3761947.37	2.81816	(12022716)	493614.36	3761892.81	2.92625	(12022716)
493613.66	3761905.05	2.76695	(12022716)	493614.36	3761917.12	2.57521	(12022716)
493614.36	3761927.44	2.42508	(12022716)	493613.31	3761940.20	2.25997	(12022716)
493616.46	3761952.10	2.09178	(12022716)	493615.23	3761961.71	1.99006	(12022716)
493614.53	3761973.78	1.86806	(12022716)	493614.01	3761984.98	1.76431	(12022716)
493613.66	3761996.52	1.66919	(12022716)	493614.18	3762007.36	1.58652	(12022716)
493615.76	3762018.56	1.50715	(12022716)	493614.71	3762025.73	1.46169	(12022716)
493614.36	3762035.00	1.40551	(12022716)	493613.13	3762043.74	1.35682	(12022716)
493613.66	3762052.14	1.31163	(12022716)	493613.83	3762061.58	1.29105	(16122116)
493614.18	3762071.55	1.27109	(16122116)	493696.46	3761742.53	3.31752	(12042316)
493707.35	3761768.92	3.03872	(12042316)	493727.98	3761742.80	2.74103	(12042316)
493755.61	3761733.69	2.35121	(12042316)	493750.48	3761720.58	2.38599	(12042316)
493745.92	3761709.48	2.39043	(12042316)	493741.37	3761696.95	2.36024	(12042316)
493738.52	3761681.00	2.26011	(12042316)	493737.38	3761663.91	2.11495	(12042316)

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      493736.52   3761651.38        2.00774  (12042316)                494418.08
      3761416.13        3.75439  (12022716)
      494473.73   3761368.11        5.01426  (12022716)                494939.85
      3761394.35        1.36640  (16112816)
      494686.37   3761403.42        2.18710  (12022716)                494575.98
      3761568.60        1.80578  (12022716)
      494541.49   3761602.79        1.66858  (12022716)                494822.53
      3761435.24        1.45254  (12121816)
      494846.18   3761504.63        1.18991  (13112016)                494841.06
      3761535.78        1.17270  (12022716)
      494837.90   3761553.12        1.18017  (12022716)                494885.61
      3761199.09        2.78360  (16011516)
      494976.68   3761325.65        1.51291  (16112816)                494985.35
      3761366.25        1.40835  (16112816)
      495070.90   3761299.23        1.39657  (16011516)                495115.47
      3760632.60        1.54558  (12121716)
      495069.03   3760685.30        1.68430  (12121716)                495087.55
      3760728.31        1.75480  (12121716)
      495079.90   3760834.52        1.82090  (12121716)                495202.38
      3760883.65        1.57010  (12121716)
      495237.63   3760939.31        1.37740  (12121716)                495298.45
      3761048.56        1.24913  (16011516)
      490844.43   3759375.83        0.51750  (13012516)                490895.79
      3759357.70        0.51677  (13012516)
      490596.67   3759246.67        0.50147  (13012516)                489103.59
      3759859.22        0.53033  (15122216)
      488940.48   3759893.26        0.52289  (15122216)                488472.34
      3759865.64        0.50577  (13012516)
      488432.53   3759884.27        0.51036  (13012516)                488713.15
      3759827.76        0.50117  (15122216)
      487562.29   3760285.62        0.50351  (13012516)                487809.35
      3760420.86        0.53756  (13012516)
      487553.10   3761208.24        0.54563  (15122216)                487899.76
      3760972.40        0.57470  (15122216)
      487983.18   3762301.23        0.65862  (12121316)                487913.66
      3762403.25        0.66174  (16123016)
      487890.59   3762238.09        0.63207  (12121316)                488190.14
      3762513.88        0.74182  (16123016)
      488424.39   3762586.51        0.80717  (16123016)                488657.54
      3762495.87        0.90979  (16123016)
      488908.17   3762583.23        1.02851  (16123016)                489170.26
      3762660.77        1.35699  (16010616)
      489382.17   3762809.64        1.82735  (16010616)                489294.91
      3762783.65        1.63851  (16010616)
      489889.72   3762661.22        5.16172  (16010616)                490022.93
      3762783.29        3.12696  (16122316)
      490423.96   3762839.25        2.84695  (12022716)                490375.94
      3762870.37        2.53494  (12022716)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:32:03

                     PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL104      , VOL105      ,
                               VOL107      , VOL108      , VOL109      ,
                 VOL111      , VOL128      , VOL130      , VOL131      , VOL132      ,
                 VOL133      , VOL150      , VOL151      ,
                 VOL152      , VOL153      , VOL154      , VOL155      , VOL156      ,
                 VOL157      , VOL158      , VOL159      ,
                 VOL160      , VOL161      , VOL162      , VOL163      , VOL164      ,
                 VOL165      , VOL166      ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.59659	(12022716)	491132.33	3762903.51	1.83710	(12022716)
492890.84	3762203.51	1.47357	(13121916)	492961.55	3762258.51	1.22507	(13121916)
493033.99	3762272.60	1.10202	(13121916)	493032.31	3762205.18	1.24079	(13121916)
493087.32	3762215.25	1.22047	(13121916)	493079.94	3762296.41	1.06301	(14012416)
493163.79	3762367.18	1.01532	(14012416)	493068.87	3762510.05	0.95191	(14012416)
493101.07	3762454.71	0.97200	(14012416)	493281.84	3762369.19	0.99831	(14012416)
493351.51	3762095.42	1.75143	(12022716)	493439.48	3762105.84	1.38027	(12022716)
493972.90	3763044.23	0.68836	(14012416)	493957.03	3763184.09	0.66503	(14012416)
493583.55	3763480.45	0.64991	(14012416)	493258.47	3763568.15	0.65654	(14012416)
492895.78	3763485.72	0.70209	(14012416)	493781.01	3761659.05	1.81387	(12042316)
493797.63	3761658.35	1.79505	(16122116)	493831.94	3761631.47	1.81019	(16122116)
493900.20	3761664.01	1.80502	(16122116)	493918.59	3761666.13	1.89343	(16010616)
493929.55	3761662.24	1.99241	(16010616)	493945.82	3761667.90	2.17113	(16010616)
493758.37	3761524.30	1.99790	(16122116)	493961.03	3761672.85	2.41215	(16010616)
493975.18	3761679.57	2.76974	(16010616)	493987.55	3761687.70	3.13392	(16010616)
493998.87	3761697.25	3.53659	(16010616)	494007.71	3761707.51	3.78752	(16010616)
494016.91	3761718.12	3.93515	(16010616)	494024.69	3761730.85	4.02478	(16010616)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID

ALL HIGH 1ST HIGH VALUE IS 19.77865 ON 12022716: AT (494473.73, 3761368.11, 723.51, 723.51, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 5.16172 ON 16010616: AT (489889.72, 3762661.22, 633.96, 683.00, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********

```
ME W186    1477       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1477       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Cons NOX
Mit\15218 Ph3 Cons NOX Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Cons NOX Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL104       VOLUME     493749.696  3761059.641      695.400
   LOCATION VOL105       VOLUME     493507.450  3761023.328      673.640
   LOCATION VOL107       VOLUME     493890.427  3760919.195      681.330
   LOCATION VOL108       VOLUME     493613.293  3761138.942      682.050
   LOCATION VOL109       VOLUME     493754.025  3761199.426      679.040
   LOCATION VOL111       VOLUME     493779.276  3760960.619      683.690
   LOCATION VOL128       VOLUME     492283.639  3761437.474      678.030
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL150       VOLUME     492416.902  3761421.423      681.890
   LOCATION VOL151       VOLUME     492418.822  3761492.472      683.250
   LOCATION VOL152       VOLUME     493641.420  3761004.972      694.240
   LOCATION VOL153       VOLUME     493890.036  3761134.996      695.440
   LOCATION VOL154       VOLUME     494031.022  3761122.113      705.990
   LOCATION VOL155       VOLUME     492154.198  3761401.356      673.300
   LOCATION VOL156       VOLUME     492288.246  3761527.036      680.030
   LOCATION VOL157       VOLUME     492148.069  3761523.196      686.780
   LOCATION VOL158       VOLUME     493893.533  3760995.881      685.290
   LOCATION VOL159       VOLUME     492019.413  3761381.098      662.590
   LOCATION VOL160       VOLUME     492009.812  3761515.515      681.150
   LOCATION VOL161       VOLUME     494132.663  3761649.533      709.980
   LOCATION VOL162       VOLUME     494261.206  3761648.353      714.530
   LOCATION VOL163       VOLUME     494491.167  3761223.809      717.430
   LOCATION VOL164       VOLUME     494629.144  3761134.183      709.500
   LOCATION VOL165       VOLUME     494493.526  3761083.473      708.580
   LOCATION VOL166       VOLUME     494353.190  3761182.534      720.430
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   LOCATION VOL167       VOLUME     494362.624  3761052.812      710.610
   LOCATION VOL168       VOLUME     494491.167  3761009.178      704.390
   LOCATION VOL169       VOLUME     493392.928  3761788.968      708.460
   LOCATION VOL170       VOLUME     493528.405  3761787.336      707.000
   LOCATION VOL171       VOLUME     491215.229  3762452.664      661.730
   LOCATION VOL172       VOLUME     491230.591  3762314.402      665.540
   LOCATION VOL173       VOLUME     491249.794  3762195.342      671.260
   LOCATION VOL174       VOLUME     491094.249  3762356.648      663.750
   LOCATION VOL175       VOLUME     491115.373  3762216.466      667.790
   LOCATION VOL176       VOLUME     490909.900  3762549.264      633.300
   LOCATION VOL177       VOLUME     490775.478  3762533.317      631.650
   LOCATION VOL178       VOLUME     490637.216  3762519.875      629.070
   LOCATION VOL179       VOLUME     491078.887  3762466.106      660.660
   LOCATION VOL180       VOLUME     490498.954  3762512.193      635.840
   LOCATION VOL181       VOLUME     490364.532  3762573.643      671.030
   LOCATION VOL182       VOLUME     490364.532  3762435.381      676.870
   LOCATION VOL183       VOLUME     490410.620  3762373.931      664.610
   LOCATION VOL184       VOLUME     490326.126  3762302.880      660.860
   LOCATION VOL185       VOLUME     490228.190  3762571.723      657.380
   LOCATION VOL186       VOLUME     490230.111  3762441.142      673.280
   LOCATION VOL187       VOLUME     490195.545  3762302.880      671.310
   LOCATION VOL188       VOLUME     490220.509  3762166.538      664.260
   LOCATION VOL189       VOLUME     490089.928  3762523.715      653.350
   LOCATION VOL190       VOLUME     490088.008  3762385.453      661.110
   LOCATION VOL191       VOLUME     489955.507  3762475.707      643.010
   LOCATION VOL192       VOLUME     490001.594  3762333.605      667.880
   LOCATION VOL193       VOLUME     490151.378  3762034.037      659.930
   LOCATION VOL194       VOLUME     490091.849  3762249.111      666.270
   LOCATION VOL195       VOLUME     489953.586  3762197.263      681.110
   LOCATION VOL196       VOLUME     490086.088  3762112.769      673.540
   LOCATION VOL197       VOLUME     489947.825  3762124.291      673.200
   LOCATION VOL198       VOLUME     489892.136  3762473.787      651.240
   LOCATION VOL199       VOLUME     489853.730  3762070.522      673.760
   LOCATION VOL200       VOLUME     489869.093  3761938.021      668.150
   LOCATION VOL201       VOLUME     489974.710  3761826.643      660.400
   LOCATION VOL202       VOLUME     490116.813  3761751.751      671.890
   LOCATION VOL203       VOLUME     490256.995  3761690.301      674.720
   LOCATION VOL204       VOLUME     490393.337  3761665.337      678.070
   LOCATION VOL205       VOLUME     490527.758  3761682.620      679.320
   LOCATION VOL206       VOLUME     490667.941  3761671.098      675.280
   LOCATION VOL207       VOLUME     490808.123  3761617.330      676.030
   LOCATION VOL208       VOLUME     490946.386  3761582.764      678.760
   LOCATION VOL209       VOLUME     491080.807  3761582.764      667.820
   LOCATION VOL210       VOLUME     491220.990  3761577.003      664.830
   LOCATION VOL211       VOLUME     491357.332  3761571.242      660.970
   LOCATION VOL212       VOLUME     491439.905  3761617.330      666.070
   LOCATION VOL213       VOLUME     491340.049  3762517.954      684.400
   LOCATION VOL214       VOLUME     491466.789  3762508.353      683.340
   LOCATION VOL215       VOLUME     490943.670  3762440.214      631.910
   LOCATION VOL216       VOLUME     494028.049  3760984.581      693.680
   LOCATION VOL217       VOLUME     494030.153  3760923.557      693.640
   LOCATION VOL218       VOLUME     494169.035  3761123.463      703.550
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   LOCATION VOL221       VOLUME     494267.936  3761009.832      695.080
** Source Parameters **
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   SRCPARAM VOL105       0.0036053611     5.000    31.816     1.400
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   SRCPARAM VOL111       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL128       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL130       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL131       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL132       0.0036053611     5.000    31.816     1.400
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SRCPARAM VOL133       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL150       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL151       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL152       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL153       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL154       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL155       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL156       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL157       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL158       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL159       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL160       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL161       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL162       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL163       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL164       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL165       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL166       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL167       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL168       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL169       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL170       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL171       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL172       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL173       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL174       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL175       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL176       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL177       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL178       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL179       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL180       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL181       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL182       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL183       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL184       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL185       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL186       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL187       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL188       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL189       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL190       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL191       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL192       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL193       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL194       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL195       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL196       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL197       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL198       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL199       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL200       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL201       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL202       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL203       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL204       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL205       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL206       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL207       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL208       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL209       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL210       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL211       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL212       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL213       0.0036053611     5.000    31.816     1.400
SRCPARAM VOL214       0.0036053611     5.000    31.816     1.400
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   SRCPARAM VOL215       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL216       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL217       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL218       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL219       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL220       0.0036053611     5.000    31.816     1.400
   SRCPARAM VOL221       0.0036053611     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL150       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL151       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL152       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL153       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL154       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL155       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL156       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL157       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL158       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL159       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL160       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL161       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL162       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL163       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL164       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL165       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL166       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL167       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL168       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL169       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL170       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL171       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL172       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL173       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL174       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL175       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL176       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL177       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL178       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL179       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL180       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL181       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL182       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL183       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL184       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL185       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL186       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL187       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL188       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL189       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL190       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL191       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL192       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL193       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL194       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL195       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL196       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL197       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL198       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL199       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL200       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL201       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL202       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL203       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL204       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL205       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL206       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL207       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL208       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL209       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL210       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL211       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL212       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL213       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL214       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL215       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Cons NOX Mit.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH3 CONS NOX MIT.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph3 Cons NOX Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1477       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1477       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Cons NOX
Mit.err
**File for Summary of Results: 15218 Ph3 Cons NOX
Mit.sum
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:35:15

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	EMISSION RATE SCALAR VARY BY
VOL104	0	0.36054E-02	493749.7	3761059.6	695.4	5.00	31.82	1.40	YES HRDOW
VOL105	0	0.36054E-02	493507.5	3761023.3	673.6	5.00	31.82	1.40	YES HRDOW
VOL107	0	0.36054E-02	493890.4	3760919.2	681.3	5.00	31.82	1.40	YES HRDOW
VOL108	0	0.36054E-02	493613.3	3761138.9	682.0	5.00	31.82	1.40	YES HRDOW
VOL109	0	0.36054E-02	493754.0	3761199.4	679.0	5.00	31.82	1.40	YES HRDOW
VOL111	0	0.36054E-02	493779.3	3760960.6	683.7	5.00	31.82	1.40	YES HRDOW
VOL128	0	0.36054E-02	492283.6	3761437.5	678.0	5.00	31.82	1.40	YES HRDOW
VOL130	0	0.36054E-02	493065.2	3761816.8	708.6	5.00	31.82	1.40	YES HRDOW
VOL131	0	0.36054E-02	493058.6	3761717.7	705.2	5.00	31.82	1.40	YES HRDOW
VOL132	0	0.36054E-02	492988.1	3761807.9	705.3	5.00	31.82	1.40	YES HRDOW
VOL133	0	0.36054E-02	492981.5	3761735.3	701.8	5.00	31.82	1.40	YES HRDOW
VOL150	0	0.36054E-02	492416.9	3761421.4	681.9	5.00	31.82	1.40	YES HRDOW
VOL151	0	0.36054E-02	492418.8	3761492.5	683.2	5.00	31.82	1.40	YES HRDOW
VOL152	0	0.36054E-02	493641.4	3761005.0	694.2	5.00	31.82	1.40	YES HRDOW
VOL153	0	0.36054E-02	493890.0	3761135.0	695.4	5.00	31.82	1.40	YES HRDOW
VOL154	0	0.36054E-02	494031.0	3761122.1	706.0	5.00	31.82	1.40	YES HRDOW
VOL155	0	0.36054E-02	492154.2	3761401.4	673.3	5.00	31.82	1.40	YES HRDOW
VOL156	0	0.36054E-02	492288.2	3761527.0	680.0	5.00	31.82	1.40	YES HRDOW

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 VOL157           0   0.36054E-02  492148.1 3761523.2   686.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL158           0   0.36054E-02  493893.5 3760995.9   685.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL159           0   0.36054E-02  492019.4 3761381.1   662.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL160           0   0.36054E-02  492009.8 3761515.5   681.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL161           0   0.36054E-02  494132.7 3761649.5   710.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL162           0   0.36054E-02  494261.2 3761648.4   714.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL163           0   0.36054E-02  494491.2 3761223.8   717.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL164           0   0.36054E-02  494629.1 3761134.2   709.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL165           0   0.36054E-02  494493.5 3761083.5   708.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL166           0   0.36054E-02  494353.2 3761182.5   720.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL167           0   0.36054E-02  494362.6 3761052.8   710.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL168           0   0.36054E-02  494491.2 3761009.2   704.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL169           0   0.36054E-02  493392.9 3761789.0   708.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL170           0   0.36054E-02  493528.4 3761787.3   707.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL171           0   0.36054E-02  491215.2 3762452.7   661.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL172           0   0.36054E-02  491230.6 3762314.4   665.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL173           0   0.36054E-02  491249.8 3762195.3   671.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL174           0   0.36054E-02  491094.2 3762356.6   663.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL175           0   0.36054E-02  491115.4 3762216.5   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL176           0   0.36054E-02  490909.9 3762549.3   633.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL177           0   0.36054E-02  490775.5 3762533.3   631.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL178           0   0.36054E-02  490637.2 3762519.9   629.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
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 VOL179           0   0.36054E-02  491078.9 3762466.1   660.7     5.00    31.82     1.40
 YES   HRDOW            NO
```

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VOL180          0   0.36054E-02  490499.0 3762512.2   635.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL181          0   0.36054E-02  490364.5 3762573.6   671.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL182          0   0.36054E-02  490364.5 3762435.4   676.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL183          0   0.36054E-02  490410.6 3762373.9   664.6     5.00    31.82     1.40
YES   HRDOW           NO
VOL184          0   0.36054E-02  490326.1 3762302.9   660.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL185          0   0.36054E-02  490228.2 3762571.7   657.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL186          0   0.36054E-02  490230.1 3762441.1   673.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL187          0   0.36054E-02  490195.5 3762302.9   671.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL188          0   0.36054E-02  490220.5 3762166.5   664.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL189          0   0.36054E-02  490089.9 3762523.7   653.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL190          0   0.36054E-02  490088.0 3762385.5   661.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL191          0   0.36054E-02  489955.5 3762475.7   643.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL192          0   0.36054E-02  490001.6 3762333.6   667.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL193          0   0.36054E-02  490151.4 3762034.0   659.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL194          0   0.36054E-02  490091.8 3762249.1   666.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL195          0   0.36054E-02  489953.6 3762197.3   681.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL196          0   0.36054E-02  490086.1 3762112.8   673.5     5.00    31.82     1.40
YES   HRDOW           NO
VOL197          0   0.36054E-02  489947.8 3762124.3   673.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL198          0   0.36054E-02  489892.1 3762473.8   651.2     5.00    31.82     1.40
YES   HRDOW           NO
VOL199          0   0.36054E-02  489853.7 3762070.5   673.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL200          0   0.36054E-02  489869.1 3761938.0   668.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL201          0   0.36054E-02  489974.7 3761826.6   660.4     5.00    31.82     1.40
YES   HRDOW           NO
VOL202          0   0.36054E-02  490116.8 3761751.8   671.9     5.00    31.82     1.40
YES   HRDOW           NO
VOL203          0   0.36054E-02  490257.0 3761690.3   674.7     5.00    31.82     1.40
YES   HRDOW           NO
VOL204          0   0.36054E-02  490393.3 3761665.3   678.1     5.00    31.82     1.40
YES   HRDOW           NO
VOL205          0   0.36054E-02  490527.8 3761682.6   679.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL206          0   0.36054E-02  490667.9 3761671.1   675.3     5.00    31.82     1.40
YES   HRDOW           NO
VOL207          0   0.36054E-02  490808.1 3761617.3   676.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL208          0   0.36054E-02  490946.4 3761582.8   678.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL209          0   0.36054E-02  491080.8 3761582.8   667.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL210          0   0.36054E-02  491221.0 3761577.0   664.8     5.00    31.82     1.40
YES   HRDOW           NO
VOL211          0   0.36054E-02  491357.3 3761571.2   661.0     5.00    31.82     1.40
YES   HRDOW           NO
VOL212          0   0.36054E-02  491439.9 3761617.3   666.1     5.00    31.82     1.40
YES   HRDOW           NO
```

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 VOL213           0   0.36054E-02  491340.0 3762518.0   684.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL214           0   0.36054E-02  491466.8 3762508.4   683.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL215           0   0.36054E-02  490943.7 3762440.2   631.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL216           0   0.36054E-02  494028.0 3760984.6   693.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL217           0   0.36054E-02  494030.2 3760923.6   693.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL218           0   0.36054E-02  494169.0 3761123.5   703.5     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:35:15

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                     BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL219           0   0.36054E-02  494169.0 3760982.5   693.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL220           0   0.36054E-02  494263.7 3761119.3   696.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL221           0   0.36054E-02  494267.9 3761009.8   695.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:35:15

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL104      , VOL105      , VOL107      , VOL108      , VOL109      , VOL111      ,
  VOL128      , VOL130      ,

             VOL131      , VOL132      , VOL133      , VOL150      , VOL151      , VOL152      ,
             VOL153      , VOL154      ,

             VOL155      , VOL156      , VOL157      , VOL158      , VOL159      , VOL160      ,
             VOL161      , VOL162      ,

             VOL163      , VOL164      , VOL165      , VOL166      , VOL167      , VOL168      ,
             VOL169      , VOL170      ,

             VOL171      , VOL172      , VOL173      , VOL174      , VOL175      , VOL176      ,
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL104 , VOL105 , VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 ,

VOL131 , VOL132 , VOL133 , VOL150 , VOL151 , VOL152 ,
VOL153 , VOL154 ,

VOL155 , VOL156 , VOL157 , VOL158 , VOL159 , VOL160 ,
VOL161 , VOL162 ,

VOL163 , VOL164 , VOL165 , VOL166 , VOL167 , VOL168 ,
VOL169 , VOL170 ,

VOL171 , VOL172 , VOL173 , VOL174 , VOL175 , VOL176 ,
VOL177 , VOL178 ,

VOL179 , VOL180 , VOL181 , VOL182 , VOL183 , VOL184 ,
VOL185 , VOL186 ,

VOL187 , VOL188 , VOL189 , VOL190 , VOL191 , VOL192 ,
VOL193 , VOL194 ,

VOL195 , VOL196 , VOL197 , VOL198 , VOL199 , VOL200 ,
VOL201 , VOL202 ,

VOL203 , VOL204 , VOL205 , VOL206 , VOL207 , VOL208 ,
VOL209 , VOL210 ,

VOL211 , VOL212 , VOL213 , VOL214 , VOL215 , VOL216 ,
VOL217 , VOL218 ,

VOL219 , VOL220 , VOL221 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL109       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL111       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

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   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL150       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL151       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:35:15

                     PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL152       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:35:15

                     PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL153       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***        17:35:15

                      PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL154       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL158 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL159 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL161 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL162 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL163 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL166 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL167 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL168 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL171 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:35:15

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL172 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL173 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL174 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL175 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL176 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL177 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL178 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL179 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL180   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL182 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL183 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:35:15

PAGE 52

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL184 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:35:15

PAGE 53

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL185 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL186 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL187 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL188 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL189 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL190 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24

*** AERMET - VERSION 16216 ***

*** *** 17:35:15

PAGE 59

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL191 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL193       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL194       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                      PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL195       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL196 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:35:15

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL197 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL198 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL199 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:35:15

PAGE 68
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL200 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:35:15

PAGE 69
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL201 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL202       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL203 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL205 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL206 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL207 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL209       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL210       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL214   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL215   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL216       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL217       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL218       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:35:15

                     PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
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```
 SOURCE ID = VOL219       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:35:15

                      PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL220       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8,	3762037.3,	711.3,	711.3,	2.0);	(493410.0,	3761986.4,	713.0,	713.0,	2.0);
(493417.5,	3761973.0,	713.0,	713.0,	2.0);	(493468.3,	3761958.4,	714.0,	714.0,	2.0);
(493499.8,	3761947.4,	713.9,	713.9,	2.0);	(493614.4,	3761892.8,	711.3,	711.3,	2.0);
(493613.7,	3761905.0,	712.0,	712.0,	2.0);	(493614.4,	3761917.1,	712.9,	712.9,	2.0);
(493614.4,	3761927.4,	713.5,	713.5,	2.0);	(493613.3,	3761940.2,	714.2,	714.2,	2.0);
(493616.5,	3761952.1,	714.8,	714.8,	2.0);	(493615.2,	3761961.7,	715.2,	715.2,	2.0);
(493614.5,	3761973.8,	715.6,	715.6,	2.0);	(493614.0,	3761985.0,	716.0,	716.0,	2.0);
(493613.7,	3761996.5,	716.0,	716.0,	2.0);	(493614.2,	3762007.4,	716.0,	716.0,	2.0);
(493615.8,	3762018.6,	716.0,	716.0,	2.0);	(493614.7,	3762025.7,	716.1,	716.1,	2.0);
(493614.4,	3762035.0,	716.3,	716.3,	2.0);	(493613.1,	3762043.7,	716.4,	716.4,	2.0);

(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);

(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WD	WS HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5

```
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:35:15

                      PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL104      , VOL105      ,
                                 VOL107      , VOL108      , VOL109      ,
                  VOL111      , VOL128      , VOL130      , VOL131      , VOL132      ,
                  VOL133      , VOL150      , VOL151      ,
                  VOL152      , VOL153      , VOL154      , VOL155      , VOL156      ,
                  VOL157      , VOL158      , VOL159      ,
                  VOL160      , VOL161      , VOL162      , VOL163      , VOL164      ,
                  VOL165      , VOL166      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF NOX      IN
                                       MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - -
```

493613.66 3761905.05 1.42896 (12022716) 493614.36
3761917.12 1.31271 (12022716)
493614.36 3761927.44 1.21774 (12022716) 493613.31
3761940.20 1.10825 (12022716)
493616.46 3761952.10 1.01383 (12022716) 493615.23
3761961.71 0.94510 (12022716)
493614.53 3761973.78 0.86645 (12022716) 493614.01
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3762025.73 0.61853 (12022716)
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3761742.80 0.65429 (12121716)
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3760883.65 0.82367 (12121716)
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487890.59 3762238.09 0.24143 (16123016) 488190.14
3762513.88 0.28551 (16123016)
488424.39 3762586.51 0.30906 (16123016) 488657.54
3762495.87 0.35906 (16123016)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL104 , VOL105 , VOL107 , VOL108 , VOL109 ,
VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
VOL133 , VOL150 , VOL151 ,
VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
VOL157 , VOL158 , VOL159 ,
VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
VOL165 , VOL166 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.79757	(12022716)	491132.33	3762903.51	0.74781	(12022716)
492890.84	3762203.51	0.36515	(12022716)	492961.55	3762258.51	0.31976	(12022716)
493033.99	3762272.60	0.28323	(12022716)	493032.31	3762205.18	0.29390	(12022716)
493087.32	3762215.25	0.27919	(12022716)	493079.94	3762296.41	0.26618	(12022716)
493163.79	3762367.18	0.26257	(12022716)	493068.87	3762510.05	0.22331	(12022716)
493101.07	3762454.71	0.23726	(12022716)	493281.84	3762369.19	0.31256	(12022716)
493351.51	3762095.42	0.72955	(12022716)	493439.48	3762105.84	0.45301	(12022716)
493972.90	3763044.23	0.22688	(14123016)	493957.03	3763184.09	0.20608	(14123016)
493583.55	3763480.45	0.17871	(16112816)	493258.47	3763568.15	0.17289	(16112816)
492895.78	3763485.72	0.14588	(16112816)	493781.01	3761659.05	0.74514	(12121716)
493797.63	3761658.35	0.72900	(12121716)	493831.94	3761631.47	0.68666	(12121716)
493900.20	3761664.01	0.62716	(16123016)	493918.59	3761666.13	0.71522	(16123016)
493929.55	3761662.24	0.76540	(16123016)	493945.82	3761667.90	0.86490	(16123016)
493758.37	3761524.30	0.74747	(16122116)	493961.03	3761672.85	0.96410	(16123016)
493975.18	3761679.57	1.07164	(16123016)	493987.55	3761687.70	1.12461	(16123016)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGH	1.98833	12022716	AT (494473.73, 3761368.11, 723.51, 723.51, 2.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1477 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1477 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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*** AERMOD Finishes Successfully ***
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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Cons PM10
Mit\15218 Ph3 Cons PM10 Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Cons PM10 Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   491527.270  3762521.786      682.130
   LOCATION PAREA2       AREAPOLY   492472.412  3761524.096      672.740
   LOCATION PAREA3       AREAPOLY   492915.439  3761851.316      695.930
   LOCATION PAREA4       AREAPOLY   493311.762  3761849.003      711.000
   LOCATION PAREA5       AREAPOLY   494152.739  3761725.242      712.110
   LOCATION PAREA6       AREAPOLY   494524.129  3761286.617      721.410
   LOCATION VOL104       VOLUME     493749.696  3761059.641      695.400
   LOCATION VOL105       VOLUME     493507.450  3761023.328      673.640
   LOCATION VOL107       VOLUME     493890.427  3760919.195      681.330
   LOCATION VOL108       VOLUME     493613.293  3761138.942      682.050
   LOCATION VOL109       VOLUME     493754.025  3761199.426      679.040
   LOCATION VOL111       VOLUME     493779.276  3760960.619      683.690
   LOCATION VOL128       VOLUME     492283.639  3761437.474      678.030
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL150       VOLUME     492416.902  3761421.423      681.890
   LOCATION VOL151       VOLUME     492418.822  3761492.472      683.250
   LOCATION VOL152       VOLUME     493641.420  3761004.972      694.240
   LOCATION VOL153       VOLUME     493890.036  3761134.996      695.440
   LOCATION VOL154       VOLUME     494031.022  3761122.113      705.990
   LOCATION VOL155       VOLUME     492154.198  3761401.356      673.300
   LOCATION VOL156       VOLUME     492288.246  3761527.036      680.030
   LOCATION VOL157       VOLUME     492148.069  3761523.196      686.780
   LOCATION VOL158       VOLUME     493893.533  3760995.881      685.290
   LOCATION VOL159       VOLUME     492019.413  3761381.098      662.590
   LOCATION VOL160       VOLUME     492009.812  3761515.515      681.150
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   LOCATION VOL161       VOLUME     494132.663  3761649.533      709.980
   LOCATION VOL162       VOLUME     494261.206  3761648.353      714.530
   LOCATION VOL163       VOLUME     494491.167  3761223.809      717.430
   LOCATION VOL164       VOLUME     494629.144  3761134.183      709.500
   LOCATION VOL165       VOLUME     494493.526  3761083.473      708.580
   LOCATION VOL166       VOLUME     494353.190  3761182.534      720.430
   LOCATION VOL167       VOLUME     494362.624  3761052.812      710.610
   LOCATION VOL168       VOLUME     494491.167  3761009.178      704.390
   LOCATION VOL169       VOLUME     493392.928  3761788.968      708.460
   LOCATION VOL170       VOLUME     493528.405  3761787.336      707.000
   LOCATION VOL171       VOLUME     491215.229  3762452.664      661.730
   LOCATION VOL172       VOLUME     491230.591  3762314.402      665.540
   LOCATION VOL173       VOLUME     491249.794  3762195.342      671.260
   LOCATION VOL174       VOLUME     491094.249  3762356.648      663.750
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   LOCATION VOL176       VOLUME     490909.900  3762549.264      633.300
   LOCATION VOL177       VOLUME     490775.478  3762533.317      631.650
   LOCATION VOL178       VOLUME     490637.216  3762519.875      629.070
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   LOCATION VOL181       VOLUME     490364.532  3762573.643      671.030
   LOCATION VOL182       VOLUME     490364.532  3762435.381      676.870
   LOCATION VOL183       VOLUME     490410.620  3762373.931      664.610
   LOCATION VOL184       VOLUME     490326.126  3762302.880      660.860
   LOCATION VOL185       VOLUME     490228.190  3762571.723      657.380
   LOCATION VOL186       VOLUME     490230.111  3762441.142      673.280
   LOCATION VOL187       VOLUME     490195.545  3762302.880      671.310
   LOCATION VOL188       VOLUME     490220.509  3762166.538      664.260
   LOCATION VOL189       VOLUME     490089.928  3762523.715      653.350
   LOCATION VOL190       VOLUME     490088.008  3762385.453      661.110
   LOCATION VOL191       VOLUME     489955.507  3762475.707      643.010
   LOCATION VOL192       VOLUME     490001.594  3762333.605      667.880
   LOCATION VOL193       VOLUME     490151.378  3762034.037      659.930
   LOCATION VOL194       VOLUME     490091.849  3762249.111      666.270
   LOCATION VOL195       VOLUME     489953.586  3762197.263      681.110
   LOCATION VOL196       VOLUME     490086.088  3762112.769      673.540
   LOCATION VOL197       VOLUME     489947.825  3762124.291      673.200
   LOCATION VOL198       VOLUME     489892.136  3762473.787      651.240
   LOCATION VOL199       VOLUME     489853.730  3762070.522      673.760
   LOCATION VOL200       VOLUME     489869.093  3761938.021      668.150
   LOCATION VOL201       VOLUME     489974.710  3761826.643      660.400
   LOCATION VOL202       VOLUME     490116.813  3761751.751      671.890
   LOCATION VOL203       VOLUME     490256.995  3761690.301      674.720
   LOCATION VOL204       VOLUME     490393.337  3761665.337      678.070
   LOCATION VOL205       VOLUME     490527.758  3761682.620      679.320
   LOCATION VOL206       VOLUME     490667.941  3761671.098      675.280
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   LOCATION VOL208       VOLUME     490946.386  3761582.764      678.760
   LOCATION VOL209       VOLUME     491080.807  3761582.764      667.820
   LOCATION VOL210       VOLUME     491220.990  3761577.003      664.830
   LOCATION VOL211       VOLUME     491357.332  3761571.242      660.970
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   LOCATION VOL218       VOLUME     494169.035  3761123.463      703.550
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** Source Parameters **
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   AREAVERT PAREA1       491314.572 3762227.850 491277.646 3762211.602
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SRCPARAM PAREA2       1.5762E-07     0.000        44     1.000
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AREAVERT PAREA2       492464.942 3761480.341 492471.345 3760970.227
AREAVERT PAREA2       492468.143 3760947.816 492482.017 3760939.278
AREAVERT PAREA2       492466.009 3760922.203 492447.867 3760922.203
AREAVERT PAREA2       492440.397 3760931.808 492423.322 3760937.144
AREAVERT PAREA2       492392.373 3760930.741 492383.836 3760936.077
AREAVERT PAREA2       492373.164 3760953.152 492323.006 3760999.041
AREAVERT PAREA2       492281.386 3760999.041 492240.833 3760992.638
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AREAVERT PAREA2       492048.739 3761301.054 492043.403 3761318.129
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AREAVERT PAREA2       491966.566 3761533.701 492035.933 3761563.582
AREAVERT PAREA2       492064.747 3761565.716 492118.106 3761575.321
AREAVERT PAREA2       492207.750 3761583.859 492282.453 3761577.455
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AREAVERT PAREA2       492388.104 3761535.835 492408.381 3761535.835
SRCPARAM PAREA3       1.5762E-07     0.000         6     1.000
AREAVERT PAREA3       492915.439 3761851.316 493129.021 3761852.087
AREAVERT PAREA3       493102.805 3761660.865 492979.436 3761683.997
AREAVERT PAREA3       492960.160 3761686.310 492908.499 3761685.539
SRCPARAM PAREA4       1.5762E-07     0.000        15     1.000
AREAVERT PAREA4       493311.762 3761849.003 493562.355 3761846.690
AREAVERT PAREA4       493559.271 3761832.039 493540.766 3761832.039
AREAVERT PAREA4       493526.887 3761822.787 493520.718 3761811.992
AREAVERT PAREA4       493480.623 3761795.800 493465.973 3761788.089
AREAVERT PAREA4       493381.928 3761758.789 493369.591 3761748.765
AREAVERT PAREA4       493344.146 3761734.886 493324.870 3761708.670
AREAVERT PAREA4       493327.183 3761768.813 493322.557 3761795.800
AREAVERT PAREA4       493321.014 3761824.329
SRCPARAM PAREA5       1.5762E-07     0.000        26     1.000
AREAVERT PAREA5       494152.739 3761725.242 494138.865 3761725.242
AREAVERT PAREA5       494107.916 3761704.965 494126.059 3761678.284
AREAVERT PAREA5       494129.260 3761650.537 494106.849 3761630.260
AREAVERT PAREA5       494065.228 3761605.714 494068.429 3761589.706
AREAVERT PAREA5       494097.244 3761577.966 494130.328 3761599.311
AREAVERT PAREA5       494168.747 3761605.714 494201.831 3761620.655
AREAVERT PAREA5       494233.847 3761608.916 494253.057 3761590.773
AREAVERT PAREA5       494269.065 3761584.370 494293.611 3761601.445
AREAVERT PAREA5       494323.493 3761602.512 494329.896 3761619.588
AREAVERT PAREA5       494316.023 3761639.865 494303.216 3761659.075
AREAVERT PAREA5       494279.737 3761669.747 494231.713 3761685.755
AREAVERT PAREA5       494216.772 3761682.553 494203.965 3761692.158
AREAVERT PAREA5       494184.755 3761702.830 494174.083 3761710.301
SRCPARAM PAREA6       1.5762E-07     0.000        15     1.000
AREAVERT PAREA6       494524.129 3761286.617 494264.796 3761184.165
AREAVERT PAREA6       494261.595 3761176.694 494273.334 3761146.812
AREAVERT PAREA6       494319.224 3761073.174 494365.115 3761004.873
AREAVERT PAREA6       494423.811 3760940.840 494449.424 3760966.453
AREAVERT PAREA6       494493.180 3760978.192 494526.264 3760980.327
AREAVERT PAREA6       494598.834 3761044.360 494640.456 3761051.830
AREAVERT PAREA6       494689.547 3761119.065 494608.439 3761194.837
AREAVERT PAREA6       494563.616 3761240.727
SRCPARAM VOL104       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL105       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL107       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL108       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL109       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL111       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL128       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL130       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL131       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL132       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL133       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL150       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL151       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL152       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL153       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL154       0.0001347266     5.000    31.816     1.400
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SRCPARAM VOL155       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL156       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL157       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL158       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL159       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL160       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL161       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL162       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL163       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL164       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL165       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL166       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL167       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL168       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL169       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL170       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL171       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL172       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL173       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL174       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL175       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL176       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL177       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL178       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL179       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL180       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL181       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL182       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL183       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL184       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL185       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL186       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL187       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL188       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL189       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL190       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL191       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL192       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL193       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL194       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL195       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL196       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL197       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL198       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL199       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL200       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL201       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL202       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL203       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL204       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL205       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL206       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL207       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL208       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL209       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL210       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL211       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL212       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL213       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL214       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL215       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL216       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL217       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL218       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL219       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL220       0.0001347266     5.000    31.816     1.400
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   SRCPARAM VOL221       0.0001347266     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA3       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA5       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA6       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL150       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL151       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL152       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL153       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL154       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL155       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL156       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL157       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL158       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL159       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL160       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL161       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL162       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL163       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL164       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL165       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL166       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL167       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL168       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL169       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL170       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL171       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL172       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL173       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL174       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL175       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL176       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL177       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL178       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL179       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL180       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL181       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL182       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL183       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL184       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL185       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL186       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL187       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL188       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL189       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL190       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL191       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL192       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL193       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL194       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL195       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL196       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL197       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL198       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL199       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL200       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL201       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL202       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL203       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL204       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL205       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL206       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL207       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL208       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL209       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL210       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL211       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL212       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL213       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL214       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL215       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Cons PM10 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH3 CONS PM10 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph3 Cons PM10 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
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 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1693       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1693       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    89 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:     89 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     83 VOLUME source(s)
                 and:      6 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216
```

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Cons PM10 Mit.err
**File for Summary of Results: 15218 Ph3 Cons PM10 Mit.sum

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL104	0	0.13473E-03	493749.7	3761059.6	695.4	5.00	31.82	1.40
YES	HRDOW	NO						
VOL105	0	0.13473E-03	493507.5	3761023.3	673.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL107	0	0.13473E-03	493890.4	3760919.2	681.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL108	0	0.13473E-03	493613.3	3761138.9	682.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL109	0	0.13473E-03	493754.0	3761199.4	679.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL111	0	0.13473E-03	493779.3	3760960.6	683.7	5.00	31.82	1.40
YES	HRDOW	NO						
VOL128	0	0.13473E-03	492283.6	3761437.5	678.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL130	0	0.13473E-03	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL131	0	0.13473E-03	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES	HRDOW	NO						

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 VOL132           0   0.13473E-03  492988.1 3761807.9   705.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL133           0   0.13473E-03  492981.5 3761735.3   701.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL150           0   0.13473E-03  492416.9 3761421.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL151           0   0.13473E-03  492418.8 3761492.5   683.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL152           0   0.13473E-03  493641.4 3761005.0   694.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL153           0   0.13473E-03  493890.0 3761135.0   695.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL154           0   0.13473E-03  494031.0 3761122.1   706.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL155           0   0.13473E-03  492154.2 3761401.4   673.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL156           0   0.13473E-03  492288.2 3761527.0   680.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL157           0   0.13473E-03  492148.1 3761523.2   686.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL158           0   0.13473E-03  493893.5 3760995.9   685.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL159           0   0.13473E-03  492019.4 3761381.1   662.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL160           0   0.13473E-03  492009.8 3761515.5   681.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL161           0   0.13473E-03  494132.7 3761649.5   710.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL162           0   0.13473E-03  494261.2 3761648.4   714.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL163           0   0.13473E-03  494491.2 3761223.8   717.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL164           0   0.13473E-03  494629.1 3761134.2   709.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL165           0   0.13473E-03  494493.5 3761083.5   708.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL166           0   0.13473E-03  494353.2 3761182.5   720.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL167           0   0.13473E-03  494362.6 3761052.8   710.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL168           0   0.13473E-03  494491.2 3761009.2   704.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL169           0   0.13473E-03  493392.9 3761789.0   708.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL170           0   0.13473E-03  493528.4 3761787.3   707.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL171           0   0.13473E-03  491215.2 3762452.7   661.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL172           0   0.13473E-03  491230.6 3762314.4   665.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL173           0   0.13473E-03  491249.8 3762195.3   671.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL174           0   0.13473E-03  491094.2 3762356.6   663.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL175           0   0.13473E-03  491115.4 3762216.5   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL176           0   0.13473E-03  490909.9 3762549.3   633.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL177           0   0.13473E-03  490775.5 3762533.3   631.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL178           0   0.13473E-03  490637.2 3762519.9   629.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL179	0	0.13473E-03	491078.9	3762466.1	660.7	5.00	31.82	1.40	YES HRDOW
VOL180	0	0.13473E-03	490499.0	3762512.2	635.8	5.00	31.82	1.40	YES HRDOW
VOL181	0	0.13473E-03	490364.5	3762573.6	671.0	5.00	31.82	1.40	YES HRDOW
VOL182	0	0.13473E-03	490364.5	3762435.4	676.9	5.00	31.82	1.40	YES HRDOW
VOL183	0	0.13473E-03	490410.6	3762373.9	664.6	5.00	31.82	1.40	YES HRDOW
VOL184	0	0.13473E-03	490326.1	3762302.9	660.9	5.00	31.82	1.40	YES HRDOW
VOL185	0	0.13473E-03	490228.2	3762571.7	657.4	5.00	31.82	1.40	YES HRDOW
VOL186	0	0.13473E-03	490230.1	3762441.1	673.3	5.00	31.82	1.40	YES HRDOW
VOL187	0	0.13473E-03	490195.5	3762302.9	671.3	5.00	31.82	1.40	YES HRDOW
VOL188	0	0.13473E-03	490220.5	3762166.5	664.3	5.00	31.82	1.40	YES HRDOW
VOL189	0	0.13473E-03	490089.9	3762523.7	653.3	5.00	31.82	1.40	YES HRDOW
VOL190	0	0.13473E-03	490088.0	3762385.5	661.1	5.00	31.82	1.40	YES HRDOW
VOL191	0	0.13473E-03	489955.5	3762475.7	643.0	5.00	31.82	1.40	YES HRDOW
VOL192	0	0.13473E-03	490001.6	3762333.6	667.9	5.00	31.82	1.40	YES HRDOW
VOL193	0	0.13473E-03	490151.4	3762034.0	659.9	5.00	31.82	1.40	YES HRDOW
VOL194	0	0.13473E-03	490091.8	3762249.1	666.3	5.00	31.82	1.40	YES HRDOW
VOL195	0	0.13473E-03	489953.6	3762197.3	681.1	5.00	31.82	1.40	YES HRDOW
VOL196	0	0.13473E-03	490086.1	3762112.8	673.5	5.00	31.82	1.40	YES HRDOW
VOL197	0	0.13473E-03	489947.8	3762124.3	673.2	5.00	31.82	1.40	YES HRDOW
VOL198	0	0.13473E-03	489892.1	3762473.8	651.2	5.00	31.82	1.40	YES HRDOW
VOL199	0	0.13473E-03	489853.7	3762070.5	673.8	5.00	31.82	1.40	YES HRDOW
VOL200	0	0.13473E-03	489869.1	3761938.0	668.1	5.00	31.82	1.40	YES HRDOW
VOL201	0	0.13473E-03	489974.7	3761826.6	660.4	5.00	31.82	1.40	YES HRDOW
VOL202	0	0.13473E-03	490116.8	3761751.8	671.9	5.00	31.82	1.40	YES HRDOW
VOL203	0	0.13473E-03	490257.0	3761690.3	674.7	5.00	31.82	1.40	YES HRDOW

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 VOL204           0   0.13473E-03  490393.3 3761665.3   678.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL205           0   0.13473E-03  490527.8 3761682.6   679.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL206           0   0.13473E-03  490667.9 3761671.1   675.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL207           0   0.13473E-03  490808.1 3761617.3   676.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL208           0   0.13473E-03  490946.4 3761582.8   678.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL209           0   0.13473E-03  491080.8 3761582.8   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL210           0   0.13473E-03  491221.0 3761577.0   664.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL211           0   0.13473E-03  491357.3 3761571.2   661.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL212           0   0.13473E-03  491439.9 3761617.3   666.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL213           0   0.13473E-03  491340.0 3762518.0   684.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL214           0   0.13473E-03  491466.8 3762508.4   683.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL215           0   0.13473E-03  490943.7 3762440.2   631.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL216           0   0.13473E-03  494028.0 3760984.6   693.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL217           0   0.13473E-03  494030.2 3760923.6   693.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL218           0   0.13473E-03  494169.0 3761123.5   703.5     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - -

 VOL219           0   0.13473E-03  494169.0 3760982.5   693.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL220           0   0.13473E-03  494263.7 3761119.3   696.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL221           0   0.13473E-03  494267.9 3761009.8   695.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                              *** AREAPOLY SOURCE DATA ***
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SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY CATS.	EMISSION RATE (GRAMS/SEC /METER**2) BY	LOCATION OF AREA AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)
PAREA1	0	0.15762E-06	491527.3	3762521.8	682.1	0.00	119	1.00
YES HRDOW		NO						
PAREA2	0	0.15762E-06	492472.4	3761524.1	672.7	0.00	44	1.00
YES HRDOW		NO						
PAREA3	0	0.15762E-06	492915.4	3761851.3	695.9	0.00	6	1.00
YES HRDOW		NO						
PAREA4	0	0.15762E-06	493311.8	3761849.0	711.0	0.00	15	1.00
YES HRDOW		NO						
PAREA5	0	0.15762E-06	494152.7	3761725.2	712.1	0.00	26	1.00
YES HRDOW		NO						
PAREA6	0	0.15762E-06	494524.1	3761286.6	721.4	0.00	15	1.00
YES HRDOW		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 , PAREA6 , VOL104 , VOL105 ,
	VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
	VOL133 , VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
	VOL157 , VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
	VOL165 , VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 , VOL172 ,
	VOL173 , VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 , VOL180 ,
	VOL181 , VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 ,
	VOL189 , VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 ,
	VOL197 , VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 , VOL204 ,
	VOL205 , VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 , VOL212 ,

VOL213 , VOL214 , VOL215 , VOL216 , VOL217 , VOL218 ,
VOL219 , VOL220 ,

VOL221 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

2189641. PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 ,
PAREA6 , VOL104 ,
VOL105 ,

VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 ,
VOL131 , VOL132 ,

VOL133 , VOL150 , VOL151 , VOL152 , VOL153 , VOL154 ,
VOL155 , VOL156 ,

VOL157 , VOL158 , VOL159 , VOL160 , VOL161 , VOL162 ,
VOL163 , VOL164 ,

VOL165 , VOL166 , VOL167 , VOL168 , VOL169 , VOL170 ,
VOL171 , VOL172 ,

VOL173 , VOL174 , VOL175 , VOL176 , VOL177 , VOL178 ,
VOL179 , VOL180 ,

VOL181 , VOL182 , VOL183 , VOL184 , VOL185 , VOL186 ,
VOL187 , VOL188 ,

VOL189 , VOL190 , VOL191 , VOL192 , VOL193 , VOL194 ,
VOL195 , VOL196 ,

VOL197 , VOL198 , VOL199 , VOL200 , VOL201 , VOL202 ,
VOL203 , VOL204 ,

VOL205 , VOL206 , VOL207 , VOL208 , VOL209 , VOL210 ,
VOL211 , VOL212 ,

VOL213 , VOL214 , VOL215 , VOL216 , VOL217 , VOL218 ,
VOL219 , VOL220 ,

VOL221 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA4 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA5 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA6 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL150       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL151 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:39:04

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL152 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL153 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL154 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL158 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL159 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL160   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL162 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL166 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL167 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL169 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL170 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL171       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL172       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL173       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL174       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                      PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL175       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL176 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:39:04

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL177 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL178 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL179 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL180 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL182       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
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(HRDOW) *

SOURCE ID = VOL183 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL185 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL186 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL187 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL189 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL190 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL192 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL193 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL194   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL195   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL196 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL197 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL198       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
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```
 SOURCE ID = VOL199       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:39:04

                      PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL200       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL201 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL202 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL203 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL204 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL205 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL207 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL208 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL210 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL211 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL214 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL215 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:39:04

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL218 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL220 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                      PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL221       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                      PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     ( 493343.8, 3762037.3,     711.3,     711.3,       2.0);         ( 493410.0, 3761986.4,
     713.0,     713.0,       2.0);
     ( 493417.5, 3761973.0,     713.0,     713.0,       2.0);         ( 493468.3, 3761958.4,
     714.0,     714.0,       2.0);
     ( 493499.8, 3761947.4,     713.9,     713.9,       2.0);         ( 493614.4, 3761892.8,
     711.3,     711.3,       2.0);
```

(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);

(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5

```
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:39:04

                      PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      , PAREA2      ,
                                 PAREA3      , PAREA4      , PAREA5      ,
                   PAREA6      , VOL104      , VOL105      , VOL107      , VOL108      ,
                   VOL109      , VOL111      , VOL128      ,
                   VOL130      , VOL131      , VOL132      , VOL133      , VOL150      ,
                   VOL151      , VOL152      , VOL153      ,
                   VOL154      , VOL155      , VOL156      , VOL157      , VOL158      ,
                   VOL159      , VOL160      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.03481	(12022724)	493409.97	3761986.39	0.03841	(15121524)
493417.46	3761972.99	0.04182	(13021924)	493468.31	3761958.40	0.04583	(15121524)
493499.84	3761947.37	0.04871	(15121524)	493614.36	3761892.81	0.07179	(16112824)
493613.66	3761905.05	0.06562	(16112824)	493614.36	3761917.12	0.05976	(16112824)
493614.36	3761927.44	0.05543	(16112824)	493613.31	3761940.20	0.05086	(16112824)
493616.46	3761952.10	0.04724	(16112824)	493615.23	3761961.71	0.04466	(16112824)
493614.53	3761973.78	0.04184	(16112824)	493614.01	3761984.98	0.03956	(16112824)
493613.66	3761996.52	0.03755	(16112824)	493614.18	3762007.36	0.03587	(16112824)
493615.76	3762018.56	0.03427	(16112824)	493614.71	3762025.73	0.03323	(16112824)
493614.36	3762035.00	0.03196	(16112824)	493613.13	3762043.74	0.03076	(16112824)
493613.66	3762052.14	0.02968	(16112824)	493613.83	3762061.58	0.02846	(16112824)
493614.18	3762071.55	0.02721	(16112824)	493696.46	3761742.53	0.04818m	(15123124)
493707.35	3761768.92	0.04565	(12042324)	493727.98	3761742.80	0.04310m	(15123124)
493755.61	3761733.69	0.03998m	(15123124)	493750.48	3761720.58	0.04111m	(15123124)
493745.92	3761709.48	0.04181m	(15123124)	493741.37	3761696.95	0.04221m	(15123124)
493738.52	3761681.00	0.04205m	(15123124)	493737.38	3761663.91	0.04156	(15012024)
493736.52	3761651.38	0.04159	(15012024)	494418.08	3761416.13	0.07588	(13021924)
494473.73	3761368.11	0.11339	(13021924)	494939.85	3761394.35	0.03100	(15012024)
494686.37	3761403.42	0.04990	(12022724)	494575.98	3761568.60	0.04357	(16122624)
494541.49	3761602.79	0.04431	(16122624)	494822.53	3761435.24	0.03220	(13112024)
494846.18	3761504.63	0.02865	(15012024)	494841.06	3761535.78	0.02810	(15012024)
494837.90	3761553.12	0.02780	(15012024)	494885.61	3761199.09	0.05629	(16011524)
494976.68	3761325.65	0.03521	(16112824)	494985.35	3761366.25	0.03158	(15012024)
495070.90	3761299.23	0.03352	(15012024)	495115.47	3760632.60	0.03699	(14013024)
495069.03	3760685.30	0.03885	(14013024)	495087.55	3760728.31	0.04070	(14013024)
495079.90	3760834.52	0.04634	(14013024)	495202.38	3760883.65	0.04221	(14013024)
495237.63	3760939.31	0.03914	(14013024)	495298.45	3761048.56	0.03506	(15012024)
490844.43	3759375.83	0.01297	(16122824)	490895.79	3759357.70	0.01269	(16122824)
490596.67	3759246.67	0.01303	(16122824)	489103.59	3759859.22	0.01691	(12121324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 ,
PAREA6 , VOL104 , VOL105 , VOL107 , VOL108 ,
VOL109 , VOL111 , VOL128 ,
VOL130 , VOL131 , VOL132 , VOL133 , VOL150 ,
VOL151 , VOL152 , VOL153 ,
VOL154 , VOL155 , VOL156 , VOL157 , VOL158 ,
VOL159 , VOL160 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.03492	(12121824)	491132.33	3762903.51	0.03369	(15121524)
492890.84	3762203.51	0.02957	(13121924)	492961.55	3762258.51	0.02680	(13111224)
493033.99	3762272.60	0.02559	(13111224)	493032.31	3762205.18	0.02711	(16122124)
493087.32	3762215.25	0.02598	(13111224)	493079.94	3762296.41	0.02467	(13111224)
493163.79	3762367.18	0.02284	(13111224)	493068.87	3762510.05	0.02255	(13111224)
493101.07	3762454.71	0.02265	(13111224)	493281.84	3762369.19	0.02132	(13111224)
493351.51	3762095.42	0.03214	(12022724)	493439.48	3762105.84	0.02580	(15010624)
493972.90	3763044.23	0.02000	(13030724)	493957.03	3763184.09	0.01962	(13030724)

```
       493583.55   3763480.45        0.01633  (14012424)                493258.47
       3763568.15        0.01777  (14012424)
       492895.78   3763485.72        0.01911  (14012424)                493781.01
       3761659.05        0.03870  (15012024)
       493797.63   3761658.35        0.03796  (13111224)                493831.94
       3761631.47        0.03733  (13111224)
       493900.20   3761664.01        0.03875  (13111224)                493918.59
       3761666.13        0.03937  (13111224)
       493929.55   3761662.24        0.03983  (13111224)                493945.82
       3761667.90        0.04214  (16010624)
       493758.37   3761524.30        0.03818  (15012024)                493961.03
       3761672.85        0.04763  (16010624)
       493975.18   3761679.57        0.05516  (16010624)                493987.55
       3761687.70        0.06153  (16010624)
       493998.87   3761697.25        0.06780  (16010624)                494007.71
       3761707.51        0.07153  (16010624)
       494016.91   3761718.12        0.07509  (16010624)                494024.69
       3761730.85        0.08176  (16010624)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_10    IN
                                    MICROGRAMS/M**3                        **


                                                    DATE
                                                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.14978  ON 16122324: AT (  489889.72,  3762661.22,
633.96,   683.00,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:39:04

                     PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of           0 Fatal Error Message(s)
 A Total of           2 Warning Message(s)
 A Total of         388 Informational Message(s)

 A Total of       43848 Hours Were Processed
```

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1693 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1693 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Cons PM25
Mit\15218 Ph3 Cons PM25 Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Cons PM25 Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   491527.270  3762521.786      682.130
   LOCATION PAREA2       AREAPOLY   492472.412  3761524.096      672.740
   LOCATION PAREA3       AREAPOLY   492915.439  3761851.316      695.930
   LOCATION PAREA4       AREAPOLY   493311.762  3761849.003      711.000
   LOCATION PAREA5       AREAPOLY   494152.739  3761725.242      712.110
   LOCATION PAREA6       AREAPOLY   494524.129  3761286.617      721.410
   LOCATION VOL104       VOLUME     493749.696  3761059.641      695.400
   LOCATION VOL105       VOLUME     493507.450  3761023.328      673.640
   LOCATION VOL107       VOLUME     493890.427  3760919.195      681.330
   LOCATION VOL108       VOLUME     493613.293  3761138.942      682.050
   LOCATION VOL109       VOLUME     493754.025  3761199.426      679.040
   LOCATION VOL111       VOLUME     493779.276  3760960.619      683.690
   LOCATION VOL128       VOLUME     492283.639  3761437.474      678.030
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL150       VOLUME     492416.902  3761421.423      681.890
   LOCATION VOL151       VOLUME     492418.822  3761492.472      683.250
   LOCATION VOL152       VOLUME     493641.420  3761004.972      694.240
   LOCATION VOL153       VOLUME     493890.036  3761134.996      695.440
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   LOCATION VOL157       VOLUME     492148.069  3761523.196      686.780
   LOCATION VOL158       VOLUME     493893.533  3760995.881      685.290
   LOCATION VOL159       VOLUME     492019.413  3761381.098      662.590
   LOCATION VOL160       VOLUME     492009.812  3761515.515      681.150
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   LOCATION VOL161       VOLUME     494132.663  3761649.533      709.980
   LOCATION VOL162       VOLUME     494261.206  3761648.353      714.530
   LOCATION VOL163       VOLUME     494491.167  3761223.809      717.430
   LOCATION VOL164       VOLUME     494629.144  3761134.183      709.500
   LOCATION VOL165       VOLUME     494493.526  3761083.473      708.580
   LOCATION VOL166       VOLUME     494353.190  3761182.534      720.430
   LOCATION VOL167       VOLUME     494362.624  3761052.812      710.610
   LOCATION VOL168       VOLUME     494491.167  3761009.178      704.390
   LOCATION VOL169       VOLUME     493392.928  3761788.968      708.460
   LOCATION VOL170       VOLUME     493528.405  3761787.336      707.000
   LOCATION VOL171       VOLUME     491215.229  3762452.664      661.730
   LOCATION VOL172       VOLUME     491230.591  3762314.402      665.540
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   LOCATION VOL174       VOLUME     491094.249  3762356.648      663.750
   LOCATION VOL175       VOLUME     491115.373  3762216.466      667.790
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   LOCATION VOL182       VOLUME     490364.532  3762435.381      676.870
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   LOCATION VOL187       VOLUME     490195.545  3762302.880      671.310
   LOCATION VOL188       VOLUME     490220.509  3762166.538      664.260
   LOCATION VOL189       VOLUME     490089.928  3762523.715      653.350
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   LOCATION VOL191       VOLUME     489955.507  3762475.707      643.010
   LOCATION VOL192       VOLUME     490001.594  3762333.605      667.880
   LOCATION VOL193       VOLUME     490151.378  3762034.037      659.930
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   LOCATION VOL195       VOLUME     489953.586  3762197.263      681.110
   LOCATION VOL196       VOLUME     490086.088  3762112.769      673.540
   LOCATION VOL197       VOLUME     489947.825  3762124.291      673.200
   LOCATION VOL198       VOLUME     489892.136  3762473.787      651.240
   LOCATION VOL199       VOLUME     489853.730  3762070.522      673.760
   LOCATION VOL200       VOLUME     489869.093  3761938.021      668.150
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   LOCATION VOL202       VOLUME     490116.813  3761751.751      671.890
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** Source Parameters **
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SRCPARAM PAREA2       1.7523E-08     0.000        44     1.000
AREAVERT PAREA2       492472.412 3761524.096 492462.807 3761509.155
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AREAVERT PAREA2       492466.009 3760922.203 492447.867 3760922.203
AREAVERT PAREA2       492440.397 3760931.808 492423.322 3760937.144
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SRCPARAM PAREA4       3.9569E-08     0.000        15     1.000
AREAVERT PAREA4       493311.762 3761849.003 493562.355 3761846.690
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SRCPARAM PAREA5       3.9569E-08     0.000        26     1.000
AREAVERT PAREA5       494152.739 3761725.242 494138.865 3761725.242
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SRCPARAM PAREA6       1.4613E-07     0.000        15     1.000
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AREAVERT PAREA6       494493.180 3760978.192 494526.264 3760980.327
AREAVERT PAREA6       494598.834 3761044.360 494640.456 3761051.830
AREAVERT PAREA6       494689.547 3761119.065 494608.439 3761194.837
AREAVERT PAREA6       494563.616 3761240.727
SRCPARAM VOL104       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL105       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL107       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL108       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL109       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL111       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL128       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL130       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL131       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL132       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL133       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL150       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL151       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL152       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL153       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL154       0.0001347266     5.000    31.816     1.400
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SRCPARAM VOL155       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL156       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL157       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL158       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL159       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL160       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL161       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL162       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL163       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL164       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL165       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL166       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL167       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL168       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL169       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL170       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL171       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL172       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL173       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL174       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL175       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL176       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL177       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL178       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL179       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL180       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL181       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL182       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL183       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL184       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL185       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL186       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL187       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL188       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL189       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL190       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL191       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL192       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL193       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL194       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL195       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL196       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL197       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL198       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL199       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL200       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL201       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL202       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL203       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL204       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL205       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL206       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL207       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL208       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL209       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL210       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL211       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL212       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL213       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL214       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL215       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL216       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL217       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL218       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL219       0.0001347266     5.000    31.816     1.400
SRCPARAM VOL220       0.0001347266     5.000    31.816     1.400
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   SRCPARAM VOL221       0.0001347266     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA3       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA5       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA5       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA6       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA6       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL104       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL104       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL105       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL105       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL107       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL107       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL108       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL108       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL109       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL109       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL111       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL111       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL128       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL128       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL130       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL130       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL131       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL131       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL132       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL132       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL133       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL133       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL150       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL150       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL151       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL151       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL152       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL152       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL153       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL153       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL154       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL154       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL155       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL155       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL156       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL156       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL157       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL157       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL158       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL158       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL159       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL159       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL160       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL160       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL161       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL161       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL162       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL162       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL163       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL163       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL164       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL164       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL165       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL165       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL166       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL166       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL167       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL167       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL168       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL168       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL169       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL169       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL170       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL170       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL171       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL171       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL172       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL172       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL173       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL173       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL174       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL174       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL175       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL175       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL176       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL176       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL177       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL177       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL178       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL178       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL179       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL179       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL180       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL180       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL181       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL181       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL182       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL182       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL183       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL183       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL184       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL184       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL185       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL185       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL186       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL186       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL187       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL187       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL188       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL188       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL189       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL189       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL190       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL190       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL191       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL191       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL192       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL192       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL193       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL193       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL194       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL194       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL195       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL195       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL196       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL196       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL197       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL197       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL198       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL198       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL199       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL199       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL200       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL200       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL201       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL201       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL202       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL202       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL203       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL203       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL204       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL204       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL205       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL205       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL206       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL206       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL207       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL207       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL208       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL208       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL209       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL209       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL210       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL210       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL211       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL211       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL212       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL212       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL213       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL213       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL214       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL214       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL215       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL215       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Cons PM25 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH3 CONS PM25 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph3 Cons PM25 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
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 A Total of           0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1693       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1693       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    89 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:     89 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     83 VOLUME source(s)
                 and:      6 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216
```

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Cons PM25 Mit.err
**File for Summary of Results: 15218 Ph3 Cons PM25 Mit.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL104	0	0.13473E-03	493749.7	3761059.6	695.4	5.00	31.82	1.40
YES	HRDOW	NO						
VOL105	0	0.13473E-03	493507.5	3761023.3	673.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL107	0	0.13473E-03	493890.4	3760919.2	681.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL108	0	0.13473E-03	493613.3	3761138.9	682.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL109	0	0.13473E-03	493754.0	3761199.4	679.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL111	0	0.13473E-03	493779.3	3760960.6	683.7	5.00	31.82	1.40
YES	HRDOW	NO						
VOL128	0	0.13473E-03	492283.6	3761437.5	678.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL130	0	0.13473E-03	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL131	0	0.13473E-03	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES	HRDOW	NO						

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 VOL132           0   0.13473E-03  492988.1 3761807.9   705.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL133           0   0.13473E-03  492981.5 3761735.3   701.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL150           0   0.13473E-03  492416.9 3761421.4   681.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL151           0   0.13473E-03  492418.8 3761492.5   683.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL152           0   0.13473E-03  493641.4 3761005.0   694.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL153           0   0.13473E-03  493890.0 3761135.0   695.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL154           0   0.13473E-03  494031.0 3761122.1   706.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL155           0   0.13473E-03  492154.2 3761401.4   673.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL156           0   0.13473E-03  492288.2 3761527.0   680.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL157           0   0.13473E-03  492148.1 3761523.2   686.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL158           0   0.13473E-03  493893.5 3760995.9   685.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL159           0   0.13473E-03  492019.4 3761381.1   662.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL160           0   0.13473E-03  492009.8 3761515.5   681.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL161           0   0.13473E-03  494132.7 3761649.5   710.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL162           0   0.13473E-03  494261.2 3761648.4   714.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL163           0   0.13473E-03  494491.2 3761223.8   717.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL164           0   0.13473E-03  494629.1 3761134.2   709.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL165           0   0.13473E-03  494493.5 3761083.5   708.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL166           0   0.13473E-03  494353.2 3761182.5   720.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL167           0   0.13473E-03  494362.6 3761052.8   710.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL168           0   0.13473E-03  494491.2 3761009.2   704.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL169           0   0.13473E-03  493392.9 3761789.0   708.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL170           0   0.13473E-03  493528.4 3761787.3   707.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL171           0   0.13473E-03  491215.2 3762452.7   661.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL172           0   0.13473E-03  491230.6 3762314.4   665.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL173           0   0.13473E-03  491249.8 3762195.3   671.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL174           0   0.13473E-03  491094.2 3762356.6   663.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL175           0   0.13473E-03  491115.4 3762216.5   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL176           0   0.13473E-03  490909.9 3762549.3   633.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL177           0   0.13473E-03  490775.5 3762533.3   631.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL178           0   0.13473E-03  490637.2 3762519.9   629.1     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL179	0	0.13473E-03	491078.9	3762466.1	660.7	5.00	31.82	1.40	YES HRDOW
VOL180	0	0.13473E-03	490499.0	3762512.2	635.8	5.00	31.82	1.40	YES HRDOW
VOL181	0	0.13473E-03	490364.5	3762573.6	671.0	5.00	31.82	1.40	YES HRDOW
VOL182	0	0.13473E-03	490364.5	3762435.4	676.9	5.00	31.82	1.40	YES HRDOW
VOL183	0	0.13473E-03	490410.6	3762373.9	664.6	5.00	31.82	1.40	YES HRDOW
VOL184	0	0.13473E-03	490326.1	3762302.9	660.9	5.00	31.82	1.40	YES HRDOW
VOL185	0	0.13473E-03	490228.2	3762571.7	657.4	5.00	31.82	1.40	YES HRDOW
VOL186	0	0.13473E-03	490230.1	3762441.1	673.3	5.00	31.82	1.40	YES HRDOW
VOL187	0	0.13473E-03	490195.5	3762302.9	671.3	5.00	31.82	1.40	YES HRDOW
VOL188	0	0.13473E-03	490220.5	3762166.5	664.3	5.00	31.82	1.40	YES HRDOW
VOL189	0	0.13473E-03	490089.9	3762523.7	653.3	5.00	31.82	1.40	YES HRDOW
VOL190	0	0.13473E-03	490088.0	3762385.5	661.1	5.00	31.82	1.40	YES HRDOW
VOL191	0	0.13473E-03	489955.5	3762475.7	643.0	5.00	31.82	1.40	YES HRDOW
VOL192	0	0.13473E-03	490001.6	3762333.6	667.9	5.00	31.82	1.40	YES HRDOW
VOL193	0	0.13473E-03	490151.4	3762034.0	659.9	5.00	31.82	1.40	YES HRDOW
VOL194	0	0.13473E-03	490091.8	3762249.1	666.3	5.00	31.82	1.40	YES HRDOW
VOL195	0	0.13473E-03	489953.6	3762197.3	681.1	5.00	31.82	1.40	YES HRDOW
VOL196	0	0.13473E-03	490086.1	3762112.8	673.5	5.00	31.82	1.40	YES HRDOW
VOL197	0	0.13473E-03	489947.8	3762124.3	673.2	5.00	31.82	1.40	YES HRDOW
VOL198	0	0.13473E-03	489892.1	3762473.8	651.2	5.00	31.82	1.40	YES HRDOW
VOL199	0	0.13473E-03	489853.7	3762070.5	673.8	5.00	31.82	1.40	YES HRDOW
VOL200	0	0.13473E-03	489869.1	3761938.0	668.1	5.00	31.82	1.40	YES HRDOW
VOL201	0	0.13473E-03	489974.7	3761826.6	660.4	5.00	31.82	1.40	YES HRDOW
VOL202	0	0.13473E-03	490116.8	3761751.8	671.9	5.00	31.82	1.40	YES HRDOW
VOL203	0	0.13473E-03	490257.0	3761690.3	674.7	5.00	31.82	1.40	YES HRDOW

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 VOL204          0   0.13473E-03  490393.3 3761665.3   678.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL205          0   0.13473E-03  490527.8 3761682.6   679.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL206          0   0.13473E-03  490667.9 3761671.1   675.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL207          0   0.13473E-03  490808.1 3761617.3   676.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL208          0   0.13473E-03  490946.4 3761582.8   678.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL209          0   0.13473E-03  491080.8 3761582.8   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL210          0   0.13473E-03  491221.0 3761577.0   664.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL211          0   0.13473E-03  491357.3 3761571.2   661.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL212          0   0.13473E-03  491439.9 3761617.3   666.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL213          0   0.13473E-03  491340.0 3762518.0   684.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL214          0   0.13473E-03  491466.8 3762508.4   683.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL215          0   0.13473E-03  490943.7 3762440.2   631.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL216          0   0.13473E-03  494028.0 3760984.6   693.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL217          0   0.13473E-03  494030.2 3760923.6   693.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL218          0   0.13473E-03  494169.0 3761123.5   703.5     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - -

 VOL219          0   0.13473E-03  494169.0 3760982.5   693.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL220          0   0.13473E-03  494263.7 3761119.3   696.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL221          0   0.13473E-03  494267.9 3761009.8   695.1     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                              *** AREAPOLY SOURCE DATA ***
```

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	BY
PAREA1	0	0.39569E-07	491527.3	3762521.8	682.1	0.00	119	1.00	YES HRDOW
PAREA2	0	0.17523E-07	492472.4	3761524.1	672.7	0.00	44	1.00	YES HRDOW
PAREA3	0	0.39569E-07	492915.4	3761851.3	695.9	0.00	6	1.00	YES HRDOW
PAREA4	0	0.39569E-07	493311.8	3761849.0	711.0	0.00	15	1.00	YES HRDOW
PAREA5	0	0.39569E-07	494152.7	3761725.2	712.1	0.00	26	1.00	YES HRDOW
PAREA6	0	0.14613E-06	494524.1	3761286.6	721.4	0.00	15	1.00	YES HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 , PAREA6 , VOL104 , VOL105 ,
	VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 , VOL131 , VOL132 ,
	VOL133 , VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 , VOL156 ,
	VOL157 , VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 , VOL164 ,
	VOL165 , VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 , VOL172 ,
	VOL173 , VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 , VOL180 ,
	VOL181 , VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 ,
	VOL189 , VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 ,
	VOL197 , VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 , VOL204 ,
	VOL205 , VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 , VOL212 ,

VOL213 , VOL214 , VOL215 , VOL216 , VOL217 , VOL218 ,
VOL219 , VOL220 ,

VOL221 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

2189641. PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 ,
PAREA6 , VOL104 ,
VOL105 ,

VOL107 , VOL108 , VOL109 , VOL111 , VOL128 , VOL130 ,
VOL131 , VOL132 ,

VOL133 , VOL150 , VOL151 , VOL152 , VOL153 , VOL154 ,
VOL155 , VOL156 ,

VOL157 , VOL158 , VOL159 , VOL160 , VOL161 , VOL162 ,
VOL163 , VOL164 ,

VOL165 , VOL166 , VOL167 , VOL168 , VOL169 , VOL170 ,
VOL171 , VOL172 ,

VOL173 , VOL174 , VOL175 , VOL176 , VOL177 , VOL178 ,
VOL179 , VOL180 ,

VOL181 , VOL182 , VOL183 , VOL184 , VOL185 , VOL186 ,
VOL187 , VOL188 ,

VOL189 , VOL190 , VOL191 , VOL192 , VOL193 , VOL194 ,
VOL195 , VOL196 ,

VOL197 , VOL198 , VOL199 , VOL200 , VOL201 , VOL202 ,
VOL203 , VOL204 ,

VOL205 , VOL206 , VOL207 , VOL208 , VOL209 , VOL210 ,
VOL211 , VOL212 ,

VOL213 , VOL214 , VOL215 , VOL216 , VOL217 , VOL218 ,
VOL219 , VOL220 ,

VOL221 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:58:20

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = PAREA2       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA4 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA5 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA6 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL108 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL130 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL131 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL132 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL151 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL152 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL153 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL154 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL158 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL159 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL160   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL162 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL164 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL166 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL167 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL169 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL170 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL171 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL172 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL173       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL174       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                      PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL175       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL176 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL177 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL178 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL179 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:58:20

PAGE 55
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL180 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL182       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL183 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL185 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL186 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL187 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL189 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL190 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL192 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL193 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL194 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL195 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

```
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL196       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL197       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL198 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SOURCE ID = VOL199       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:58:20

                      PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL200       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL201 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL202 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL203 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL204 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL205 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL207 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL208 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL209 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL210 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL211 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL212 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL213 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL214 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 17:58:20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL218 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL220 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                      PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL221       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                      PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DISCRETE CARTESIAN RECEPTORS ***
                                     (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     ( 493343.8, 3762037.3,     711.3,     711.3,       2.0);         ( 493410.0, 3761986.4,
     713.0,     713.0,       2.0);
     ( 493417.5, 3761973.0,     713.0,     713.0,       2.0);         ( 493468.3, 3761958.4,
     714.0,     714.0,       2.0);
     ( 493499.8, 3761947.4,     713.9,     713.9,       2.0);         ( 493614.4, 3761892.8,
     711.3,     711.3,       2.0);
```

(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);

(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5

```
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        17:58:20

                      PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      , PAREA2      ,
                                 PAREA3      , PAREA4      , PAREA5      ,
                   PAREA6      , VOL104      , VOL105      , VOL107      , VOL108      ,
                   VOL109      , VOL111      , VOL128      ,
                   VOL130      , VOL131      , VOL132      , VOL133      , VOL150      ,
                   VOL151      , VOL152      , VOL153      ,
                   VOL154      , VOL155      , VOL156      , VOL157      , VOL158      ,
                   VOL159      , VOL160      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.01107	(16122324)	493409.97	3761986.39	0.01334	(13121924)
493417.46	3761972.99	0.01476	(13121924)	493468.31	3761958.40	0.01490	(13121924)
493499.84	3761947.37	0.01471	(12022724)	493614.36	3761892.81	0.02008	(16112824)
493613.66	3761905.05	0.01844	(16112824)	493614.36	3761917.12	0.01689	(16112824)
493614.36	3761927.44	0.01576	(16112824)	493613.31	3761940.20	0.01457	(16112824)
493616.46	3761952.10	0.01364	(16112824)	493615.23	3761961.71	0.01298	(16112824)
493614.53	3761973.78	0.01226	(16112824)	493614.01	3761984.98	0.01168	(16112824)
493613.66	3761996.52	0.01118	(16112824)	493614.18	3762007.36	0.01080	(13121924)
493615.76	3762018.56	0.01087	(13121924)	493614.71	3762025.73	0.01091	(13121924)
493614.36	3762035.00	0.01095	(13121924)	493613.13	3762043.74	0.01098	(13121924)
493613.66	3762052.14	0.01101	(13121924)	493613.83	3762061.58	0.01103	(13121924)
493614.18	3762071.55	0.01105	(13121924)	493696.46	3761742.53	0.01817m	(15123124)
493707.35	3761768.92	0.01711m	(15123124)	493727.98	3761742.80	0.01671m	(15123124)
493755.61	3761733.69	0.01610	(16010624)	493750.48	3761720.58	0.01673	(16010624)
493745.92	3761709.48	0.01723	(16010624)	493741.37	3761696.95	0.01774	(16010624)
493738.52	3761681.00	0.01833	(16010624)	493737.38	3761663.91	0.01888	(16010624)
493736.52	3761651.38	0.01925	(16010624)	494418.08	3761416.13	0.07059	(13021924)
494473.73	3761368.11	0.10543	(13021924)	494939.85	3761394.35	0.02218	(16112824)
494686.37	3761403.42	0.04647	(12022724)	494575.98	3761568.60	0.02947	(16122624)
494541.49	3761602.79	0.02854	(16122624)	494822.53	3761435.24	0.02610	(12022724)
494846.18	3761504.63	0.02375	(12022724)	494841.06	3761535.78	0.02356	(12022724)
494837.90	3761553.12	0.02320	(12022724)	494885.61	3761199.09	0.04973	(16112824)
494976.68	3761325.65	0.03109	(16112824)	494985.35	3761366.25	0.02607	(16112824)
495070.90	3761299.23	0.02562	(16112824)	495115.47	3760632.60	0.02009	(16121324)
495069.03	3760685.30	0.02223	(16121324)	495087.55	3760728.31	0.02413	(16122224)
495079.90	3760834.52	0.02866	(16122224)	495202.38	3760883.65	0.02575c	(12121724)
495237.63	3760939.31	0.02329c	(12121724)	495298.45	3761048.56	0.01579	(14122224)
490844.43	3759375.83	0.00530	(13012524)	490895.79	3759357.70	0.00538	(13012524)
490596.67	3759246.67	0.00542	(13012524)	489103.59	3759859.22	0.00435	(12121324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , PAREA2 , PAREA3 , PAREA4 , PAREA5 ,
PAREA6 , VOL104 , VOL105 , VOL107 , VOL108 ,
VOL109 , VOL111 , VOL128 ,
VOL130 , VOL131 , VOL132 , VOL133 , VOL150 ,
VOL151 , VOL152 , VOL153 ,
VOL154 , VOL155 , VOL156 , VOL157 , VOL158 ,
VOL159 , VOL160 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.00901	(14012424)	491132.33	3762903.51	0.00939	(15121524)
492890.84	3762203.51	0.00968	(13111224)	492961.55	3762258.51	0.00901	(13111224)
493033.99	3762272.60	0.00864	(13111224)	493032.31	3762205.18	0.00923	(13111224)
493087.32	3762215.25	0.00893	(13111224)	493079.94	3762296.41	0.00828	(13111224)
493163.79	3762367.18	0.00744	(13111224)	493068.87	3762510.05	0.00700	(13111224)
493101.07	3762454.71	0.00717	(13111224)	493281.84	3762369.19	0.00808	(13121924)
493351.51	3762095.42	0.00915	(12022724)	493439.48	3762105.84	0.00885	(16010524)
493972.90	3763044.23	0.00586m	(13122024)	493957.03	3763184.09	0.00560m	(13122024)

```
       493583.55   3763480.45        0.00463  (16122224)                493258.47
       3763568.15        0.00459  (16122224)
       492895.78   3763485.72        0.00440  (14120924)                493781.01
       3761659.05        0.01946  (16010624)
       493797.63   3761658.35        0.01963  (16010624)                493831.94
       3761631.47        0.02112  (16010624)
       493900.20   3761664.01        0.01983  (16010624)                493918.59
       3761666.13        0.02048  (16010524)
       493929.55   3761662.24        0.02121  (16010524)                493945.82
       3761667.90        0.02188  (16010524)
       493758.37   3761524.30        0.02120  (14120324)                493961.03
       3761672.85        0.02300  (16010524)
       493975.18   3761679.57        0.02484  (16010524)                493987.55
       3761687.70        0.02641  (16010524)
       493998.87   3761697.25        0.02821  (16010524)                494007.71
       3761707.51        0.02933  (16010524)
       494016.91   3761718.12        0.03035  (16010524)                494024.69
       3761730.85        0.03265  (16010524)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_2.5   IN
                                    MICROGRAMS/M**3                        **


                                                    DATE
                                                                                NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.10543  ON 13021924: AT (  494473.73,  3761368.11,
723.51,   723.51,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       17:58:20

                     PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of           0 Fatal Error Message(s)
 A Total of           2 Warning Message(s)
 A Total of         388 Informational Message(s)

 A Total of       43848 Hours Were Processed
```

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 1693 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1693 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Cons CO
Mit\15218 Ph4 Cons CO Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Cons CO Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL216       VOLUME     493474.822  3761589.033      706.010
   LOCATION VOL217       VOLUME     493510.022  3761453.414      684.760
   LOCATION VOL218       VOLUME     493509.704  3761320.588      683.000
   LOCATION VOL219       VOLUME     493476.687  3761226.751      682.640
   LOCATION VOL220       VOLUME     493549.672  3761589.934      700.810
   LOCATION VOL221       VOLUME     493582.688  3761454.392      685.090
   LOCATION VOL222       VOLUME     493605.278  3761341.441      681.760
   LOCATION VOL223       VOLUME     492863.273  3762017.413      699.030
   LOCATION VOL224       VOLUME     492786.814  3762053.905      698.350
   LOCATION VOL225       VOLUME     492865.011  3761878.395      693.610
   LOCATION VOL226       VOLUME     492844.158  3761748.066      688.210
   LOCATION VOL227       VOLUME     492715.567  3761746.329      695.000
   LOCATION VOL228       VOLUME     492788.551  3761881.871      695.460
   LOCATION VOL229       VOLUME     492727.731  3762012.200      697.120
   LOCATION VOL230       VOLUME     492677.337  3762020.888      694.770
   LOCATION VOL231       VOLUME     490908.341  3761767.181      669.840
   LOCATION VOL232       VOLUME     490882.275  3761638.590      673.120
   LOCATION VOL233       VOLUME     490772.799  3761772.395      662.670
   LOCATION VOL234       VOLUME     490743.258  3761661.181      674.600
   LOCATION VOL235       VOLUME     490755.422  3761873.182      658.580
   LOCATION VOL236       VOLUME     490670.274  3761909.674      658.590
   LOCATION VOL237       VOLUME     490635.519  3761775.870      671.160
   LOCATION VOL238       VOLUME     490609.454  3761716.788      675.970
   LOCATION VOL239       VOLUME     490473.912  3761728.952      675.610
   LOCATION VOL240       VOLUME     490334.894  3761732.427      676.460
   LOCATION VOL241       VOLUME     490296.665  3761741.116      675.880
   LOCATION VOL242       VOLUME     490529.519  3761852.330      668.250
   LOCATION VOL243       VOLUME     490392.239  3761866.231      674.000
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   LOCATION VOL244       VOLUME     490538.207  3761902.723      670.080
   LOCATION VOL245       VOLUME     490319.255  3761847.116      674.640
   LOCATION VOL246       VOLUME     490214.992  3761643.803      671.070
   LOCATION VOL247       VOLUME     490069.024  3761690.722      667.180
   LOCATION VOL248       VOLUME     489931.744  3761685.509      660.170
   LOCATION VOL249       VOLUME     490079.450  3761556.918      671.240
   LOCATION VOL250       VOLUME     489942.170  3761551.704      667.860
   LOCATION VOL251       VOLUME     489806.628  3761483.933      667.210
   LOCATION VOL252       VOLUME     489735.382  3761489.147      667.180
   LOCATION VOL253       VOLUME     489980.400  3761824.526      660.890
   LOCATION VOL254       VOLUME     490060.335  3761918.363      666.740
   LOCATION VOL255       VOLUME     490023.843  3761970.494      670.170
   LOCATION VOL256       VOLUME     489914.367  3762024.364      669.860
   LOCATION VOL257       VOLUME     489890.039  3761909.674      663.100
   LOCATION VOL258       VOLUME     489841.383  3761793.247      664.580
   LOCATION VOL259       VOLUME     489705.841  3761786.296      670.830
   LOCATION VOL260       VOLUME     489665.873  3761852.330      667.930
   LOCATION VOL261       VOLUME     489777.087  3761920.100      673.280
   LOCATION VOL262       VOLUME     489658.922  3761987.871      673.090
   LOCATION VOL263       VOLUME     489660.660  3762121.676      670.050
   LOCATION VOL264       VOLUME     489787.513  3762052.167      677.790
   LOCATION VOL265       VOLUME     489789.251  3762187.709      673.550
   LOCATION VOL266       VOLUME     489660.660  3762255.480      670.900
   LOCATION VOL267       VOLUME     489674.562  3762389.284      661.900
   LOCATION VOL268       VOLUME     489702.365  3762444.891      667.840
   LOCATION VOL269       VOLUME     489796.202  3762324.989      669.910
   LOCATION VOL270       VOLUME     489886.563  3762319.775      672.070
   LOCATION VOL271       VOLUME     489836.169  3762417.088      661.320
   LOCATION VOL272       VOLUME     491466.148  3762446.629      677.130
   LOCATION VOL273       VOLUME     491349.721  3762450.104      685.480
   LOCATION VOL274       VOLUME     491360.148  3762309.349      687.200
** Source Parameters **
   SRCPARAM VOL216       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL217       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL218       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL219       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL220       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL221       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL222       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL223       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL224       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL225       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL226       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL227       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL228       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL229       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL230       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL231       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL232       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL233       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL234       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL235       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL236       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL237       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL238       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL239       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL240       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL241       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL242       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL243       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL244       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL245       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL246       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL247       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL248       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL249       0.0504525412     5.000    31.816     1.400
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   SRCPARAM VOL250       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL251       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL252       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL253       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL254       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL255       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL256       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL257       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL258       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL259       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL260       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL261       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL262       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL263       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL264       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL265       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL266       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL267       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL268       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL269       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL270       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL271       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL272       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL273       0.0504525412     5.000    31.816     1.400
   SRCPARAM VOL274       0.0504525412     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL222       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL223       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL224       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL225       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL226       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL227       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL228       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL229       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL230       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL231       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL232       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL233       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL234       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL235       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL237       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL238       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL239       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL240       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL241       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL242       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL243       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL244       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL245       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL246       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL247       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL248       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL249       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL250       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL251       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL252       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL253       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL254       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL255       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL256       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL257       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL258       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL259       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL260       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL261       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL262       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL263       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL264       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL265       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL266       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL267       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL268       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL269       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL270       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL271       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL272       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL273       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL274       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Cons CO Mit.rou"
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RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH4 CONS CO MIT.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH4 CONS CO MIT.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph4 Cons CO Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1069       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1069       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
```

```
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for    59 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: CO

**Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

**This Run Includes:     59 Source(s);       1 Source Group(s); and     114 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:     59 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing
                                                                Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File:   15218 Ph4 Cons CO
Mit.err
**File for Summary of Results:   15218 Ph4 Cons CO
Mit.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL216	0	0.50453E-01	493474.8	3761589.0	706.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL217	0	0.50453E-01	493510.0	3761453.4	684.8	5.00	31.82	1.40
YES HRDOW		NO						
VOL218	0	0.50453E-01	493509.7	3761320.6	683.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL219	0	0.50453E-01	493476.7	3761226.8	682.6	5.00	31.82	1.40
YES HRDOW		NO						
VOL220	0	0.50453E-01	493549.7	3761589.9	700.8	5.00	31.82	1.40
YES HRDOW		NO						
VOL221	0	0.50453E-01	493582.7	3761454.4	685.1	5.00	31.82	1.40
YES HRDOW		NO						
VOL222	0	0.50453E-01	493605.3	3761341.4	681.8	5.00	31.82	1.40
YES HRDOW		NO						
VOL223	0	0.50453E-01	492863.3	3762017.4	699.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL224	0	0.50453E-01	492786.8	3762053.9	698.3	5.00	31.82	1.40
YES HRDOW		NO						
VOL225	0	0.50453E-01	492865.0	3761878.4	693.6	5.00	31.82	1.40
YES HRDOW		NO						
VOL226	0	0.50453E-01	492844.2	3761748.1	688.2	5.00	31.82	1.40
YES HRDOW		NO						
VOL227	0	0.50453E-01	492715.6	3761746.3	695.0	5.00	31.82	1.40
YES HRDOW		NO						
VOL228	0	0.50453E-01	492788.6	3761881.9	695.5	5.00	31.82	1.40
YES HRDOW		NO						
VOL229	0	0.50453E-01	492727.7	3762012.2	697.1	5.00	31.82	1.40
YES HRDOW		NO						
VOL230	0	0.50453E-01	492677.3	3762020.9	694.8	5.00	31.82	1.40
YES HRDOW		NO						
VOL231	0	0.50453E-01	490908.3	3761767.2	669.8	5.00	31.82	1.40
YES HRDOW		NO						
VOL232	0	0.50453E-01	490882.3	3761638.6	673.1	5.00	31.82	1.40
YES HRDOW		NO						
VOL233	0	0.50453E-01	490772.8	3761772.4	662.7	5.00	31.82	1.40
YES HRDOW		NO						
VOL234	0	0.50453E-01	490743.3	3761661.2	674.6	5.00	31.82	1.40
YES HRDOW		NO						
VOL235	0	0.50453E-01	490755.4	3761873.2	658.6	5.00	31.82	1.40
YES HRDOW		NO						
VOL236	0	0.50453E-01	490670.3	3761909.7	658.6	5.00	31.82	1.40
YES HRDOW		NO						
VOL237	0	0.50453E-01	490635.5	3761775.9	671.2	5.00	31.82	1.40
YES HRDOW		NO						
VOL238	0	0.50453E-01	490609.5	3761716.8	676.0	5.00	31.82	1.40
YES HRDOW		NO						

```
 VOL239           0   0.50453E-01  490473.9 3761729.0   675.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL240           0   0.50453E-01  490334.9 3761732.4   676.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL241           0   0.50453E-01  490296.7 3761741.1   675.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL242           0   0.50453E-01  490529.5 3761852.3   668.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL243           0   0.50453E-01  490392.2 3761866.2   674.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL244           0   0.50453E-01  490538.2 3761902.7   670.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL245           0   0.50453E-01  490319.3 3761847.1   674.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL246           0   0.50453E-01  490215.0 3761643.8   671.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL247           0   0.50453E-01  490069.0 3761690.7   667.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL248           0   0.50453E-01  489931.7 3761685.5   660.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL249           0   0.50453E-01  490079.5 3761556.9   671.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL250           0   0.50453E-01  489942.2 3761551.7   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL251           0   0.50453E-01  489806.6 3761483.9   667.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL252           0   0.50453E-01  489735.4 3761489.1   667.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL253           0   0.50453E-01  489980.4 3761824.5   660.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL254           0   0.50453E-01  490060.3 3761918.4   666.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL255           0   0.50453E-01  490023.8 3761970.5   670.2     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.              (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL256           0   0.50453E-01  489914.4 3762024.4   669.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL257           0   0.50453E-01  489890.0 3761909.7   663.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL258           0   0.50453E-01  489841.4 3761793.2   664.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL259           0   0.50453E-01  489705.8 3761786.3   670.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL260           0   0.50453E-01  489665.9 3761852.3   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL261           0   0.50453E-01  489777.1 3761920.1   673.3     5.00    31.82     1.40
 YES   HRDOW            NO
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 VOL262          0   0.50453E-01  489658.9 3761987.9   673.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL263          0   0.50453E-01  489660.7 3762121.7   670.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL264          0   0.50453E-01  489787.5 3762052.2   677.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL265          0   0.50453E-01  489789.3 3762187.7   673.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL266          0   0.50453E-01  489660.7 3762255.5   670.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL267          0   0.50453E-01  489674.6 3762389.3   661.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL268          0   0.50453E-01  489702.4 3762444.9   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL269          0   0.50453E-01  489796.2 3762325.0   669.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL270          0   0.50453E-01  489886.6 3762319.8   672.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL271          0   0.50453E-01  489836.2 3762417.1   661.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL272          0   0.50453E-01  491466.1 3762446.6   677.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL273          0   0.50453E-01  491349.7 3762450.1   685.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL274          0   0.50453E-01  491360.1 3762309.3   687.2     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL216      , VOL217      , VOL218      , VOL219      , VOL220      , VOL221      ,
  VOL222      , VOL223      ,

             VOL224      , VOL225      , VOL226      , VOL227      , VOL228      , VOL229      ,
             VOL230      , VOL231      ,

             VOL232      , VOL233      , VOL234      , VOL235      , VOL236      , VOL237      ,
             VOL238      , VOL239      ,

             VOL240      , VOL241      , VOL242      , VOL243      , VOL244      , VOL245      ,
             VOL246      , VOL247      ,

             VOL248      , VOL249      , VOL250      , VOL251      , VOL252      , VOL253      ,
             VOL254      , VOL255      ,

             VOL256      , VOL257      , VOL258      , VOL259      , VOL260      , VOL261      ,
             VOL262      , VOL263      ,

             VOL264      , VOL265      , VOL266      , VOL267      , VOL268      , VOL269      ,
             VOL270      , VOL271      ,

             VOL272      , VOL273      , VOL274      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
```

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
		VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
		VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
		VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
		VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
		VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 , VOL262 , VOL263 ,
		VOL264 , VOL265 , VOL266 , VOL267 , VOL268 , VOL269 , VOL270 , VOL271 ,
		VOL272 , VOL273 , VOL274 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL220 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                      PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL221       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL222 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL226       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -

                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                        DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00

                                        DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL227       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

                                        DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL228       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                     PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL229       ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       10:40:18

                     PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL230       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       10:40:18
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 10:40:18

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                      PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL233       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                      PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL234       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL235 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL237 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL238 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL240 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL241 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL242 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL243 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL244 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL245 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL248 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL249 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL250 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL252 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 10:40:18

PAGE 43
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL253 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SOURCE ID = VOL254       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                      PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL255       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL256 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL257 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL258 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL259 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL260 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL261 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL262 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL263 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL266 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                     PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL267       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                     PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL268       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL269 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL270 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL272 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 10:40:18

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL274 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);

(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);

(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5

```
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                      PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                                 VOL218      , VOL219      , VOL220      ,
                   VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                   VOL226      , VOL227      , VOL228      ,
                   VOL229      , VOL230      , VOL231      , VOL232      , VOL233      ,
                   VOL234      , VOL235      , VOL236      ,
                   VOL237      , VOL238      , VOL239      , VOL240      , VOL241      ,
                   VOL242      , VOL243      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO       IN
                                       MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
```

493343.85 3762037.28 4.87823 (13010916) 493409.97
3761986.39 5.30565 (16122116)
493417.46 3761972.99 5.61055 (16122116) 493468.31
3761958.40 7.21905 (16122116)
493499.84 3761947.37 8.14668 (14123016) 493614.36
3761892.81 8.81425 (14123016)
493613.66 3761905.05 8.66902 (14123016) 493614.36
3761917.12 8.48433 (14123016)
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3761940.20 8.20164 (14123016)
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3761961.71 7.84849 (14123016)
493614.53 3761973.78 7.70728 (14123016) 493614.01
3761984.98 7.57569 (14123016)
493613.66 3761996.52 7.42346 (14123016) 493614.18
3762007.36 7.26180 (14123016)
493615.76 3762018.56 7.07821 (14123016) 493614.71
3762025.73 7.01648 (14123016)
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3762043.74 6.83804 (14123016)
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3762061.58 6.62879 (14123016)
493614.18 3762071.55 6.51785 (14123016) 493696.46
3761742.53 21.59549 (12022716)
493707.35 3761768.92 18.95382 (12022716) 493727.98
3761742.80 19.50716 (12022716)
493755.61 3761733.69 17.71575 (12022716) 493750.48
3761720.58 18.30739 (12022716)
493745.92 3761709.48 18.82244 (12022716) 493741.37
3761696.95 19.34440 (12022716)
493738.52 3761681.00 19.68553 (12022716) 493737.38
3761663.91 19.76538 (12022716)
493736.52 3761651.38 20.00467 (12022716) 494418.08
3761416.13 4.20049 (12121716)
494473.73 3761368.11 4.40091 (12121716) 494939.85
3761394.35 2.20583 (12121716)
494686.37 3761403.42 3.04971 (12121716) 494575.98
3761568.60 2.14428 (16121514)
494541.49 3761602.79 2.10437 (15121016) 494822.53
3761435.24 2.29249 (12121716)
494846.18 3761504.63 2.07824 (16121514) 494841.06
3761535.78 2.02445 (16121514)
494837.90 3761553.12 1.99312 (16121514) 494885.61
3761199.09 3.70595 (12121716)
494976.68 3761325.65 2.60831 (12121716) 494985.35
3761366.25 2.28647 (12121716)
495070.90 3761299.23 2.40102 (12121716) 495115.47
3760632.60 3.45151 (12121716)
495069.03 3760685.30 3.62081 (12121716) 495087.55
3760728.31 3.78810 (12121716)
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3760883.65 4.04841 (12121716)
495237.63 3760939.31 3.90693 (12121716) 495298.45
3761048.56 3.32116 (12121716)
490844.43 3759375.83 0.97420 (14021809) 490895.79
3759357.70 0.96786 (15091509)
490596.67 3759246.67 1.22920 (14021809) 489103.59
3759859.22 3.01916 (13112916)
488940.48 3759893.26 2.63635 (12021516) 488472.34
3759865.64 2.93519 (12021516)
488432.53 3759884.27 2.93373 (12021516) 488713.15
3759827.76 2.78540 (12021516)
487562.29 3760285.62 1.18862 (15122215) 487809.35
3760420.86 1.27929 (12121315)
487553.10 3761208.24 1.68206 (14120216) 487899.76
3760972.40 1.64530 (16012009)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	6.30977	(12022716)	491132.33	3762903.51	5.83825	(12022716)
492890.84	3762203.51	27.48731	(12022716)	492961.55	3762258.51	20.44729	(12022716)
493033.99	3762272.60	18.68412	(12022716)	493032.31	3762205.18	21.52488	(12022716)
493087.32	3762215.25	16.56977	(12022716)	493079.94	3762296.41	16.02360	(12022716)
493163.79	3762367.18	11.02742	(12022716)	493068.87	3762510.05	6.80424	(12022716)
493101.07	3762454.71	9.66678	(12022716)	493281.84	3762369.19	7.70883	(12022716)
493351.51	3762095.42	4.77697	(13010916)	493439.48	3762105.84	5.07614	(16122116)
493972.90	3763044.23	2.11930	(16112816)	493957.03	3763184.09	2.21670	(16112816)
493583.55	3763480.45	1.79295	(16112816)	493258.47	3763568.15	1.44738	(14120214)
492895.78	3763485.72	1.42471	(14120214)	493781.01	3761659.05	15.57984	(12022716)
493797.63	3761658.35	14.40444	(12022716)	493831.94	3761631.47	11.18950	(12022716)
493900.20	3761664.01	7.73786	(12022716)	493918.59	3761666.13	6.84838	(12022716)
487983.18	3762301.23	4.03885	(16123016)	487913.66	3762403.25	3.61529	(16123016)
487890.59	3762238.09	3.97686	(16123016)	488190.14	3762513.88	3.30807	(16123016)
488424.39	3762586.51	4.25382	(14120316)	488657.54	3762495.87	5.40990	(14120316)
488908.17	3762583.23	7.69825	(14120316)	489170.26	3762660.77	9.49640	(14120316)
489382.17	3762809.64	6.13491	(16011116)	489294.91	3762783.65	7.03713	(14120316)
489889.72	3762661.22	13.39797	(12022716)	490022.93	3762783.29	9.17740	(12022716)
490423.96	3762839.25	7.86779	(12022716)	490375.94	3762870.37	8.09907	(12022716)

493929.55 3761662.24 6.21633 (12022716) 493945.82
3761667.90 5.47706 (12022716)
493758.37 3761524.30 12.94398 (12022716) 493961.03
3761672.85 4.94089 (16112816)
493975.18 3761679.57 4.73470 (16112816) 493987.55
3761687.70 4.58136 (16112816)
493998.87 3761697.25 4.39082 (16112816) 494007.71
3761707.51 4.26397 (16112816)
494016.91 3761718.12 4.16206 (16112816) 494024.69
3761730.85 4.03713 (12022716)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	2.07145	(16011516)	493409.97	3761986.39	1.94506	(16011516)
493417.46	3761972.99	1.93764	(16011516)	493468.31	3761958.40	1.87450	(13100916)
493499.84	3761947.37	1.83587	(13100916)	493614.36	3761892.81	2.03878	(14123016)
493613.66	3761905.05	1.97376	(14123016)	493614.36	3761917.12	1.90901	(14123016)
493614.36	3761927.44	1.85925	(14123016)	493613.31	3761940.20	1.80466	(14123016)
493616.46	3761952.10	1.74243	(14123016)	493615.23	3761961.71	1.70806	(14123016)
493614.53	3761973.78	1.66410	(14123016)	493614.01	3761984.98	1.62518	(14123016)
493613.66	3761996.52	1.58558	(14123016)	493614.18	3762007.36	1.54780	(14123016)
493615.76	3762018.56	1.50816	(14123016)	493614.71	3762025.73	1.48936	(14123016)
493614.36	3762035.00	1.46333	(14123016)	493613.13	3762043.74	1.44153	(14123016)
493613.66	3762052.14	1.41777	(14123016)	493613.83	3762061.58	1.39291	(14123016)
493614.18	3762071.55	1.36996	(15013016)	493696.46	3761742.53	3.44768	(12022716)
493707.35	3761768.92	3.02213	(12022716)	493727.98	3761742.80	2.94744	(12022716)
493755.61	3761733.69	2.58068	(12022716)	493750.48	3761720.58	2.67866	(12022716)

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       493745.92   3761709.48        2.76641  (12022716)                493741.37
       3761696.95        2.85707  (12022716)
       493738.52   3761681.00        2.91626  (12022716)                493737.38
       3761663.91        3.04522  (12121816)
       493736.52   3761651.38        3.19515  (16011516)                494418.08
       3761416.13        1.08976  (12042316)
       494473.73   3761368.11        1.04232  (12042316)                494939.85
       3761394.35        0.71798  (16121516)
       494686.37   3761403.42        0.84148  (12042316)                494575.98
       3761568.60        0.92149  (16011516)
       494541.49   3761602.79        0.93558  (16011516)                494822.53
       3761435.24        0.75588  (12042316)
       494846.18   3761504.63        0.76321  (16011516)                494841.06
       3761535.78        0.77162  (16011516)
       494837.90   3761553.12        0.77502  (16011516)                494885.61
       3761199.09        0.81228  (16121516)
       494976.68   3761325.65        0.73986  (16121516)                494985.35
       3761366.25        0.71816  (16121516)
       495070.90   3761299.23        0.72275  (16121516)                495115.47
       3760632.60        0.75713  (16122216)
       495069.03   3760685.30        0.76966  (16122216)                495087.55
       3760728.31        0.77481  (12121716)
       495079.90   3760834.52        0.81864  (12121716)                495202.38
       3760883.65        0.79980  (12121716)
       495237.63   3760939.31        0.77728  (12121716)                495298.45
       3761048.56        0.73073  (16121516)
       490844.43   3759375.83        0.54651  (14012416)                490895.79
       3759357.70        0.54195  (14012416)
       490596.67   3759246.67        0.52951  (14012416)                489103.59
       3759859.22        0.74813  (13112916)
       488940.48   3759893.26        0.61536  (13112916)                488472.34
       3759865.64        0.66662  (13012516)
       488432.53   3759884.27        0.67938  (13012516)                488713.15
       3759827.76        0.61478  (13012516)
       487562.29   3760285.62        0.70093  (13012516)                487809.35
       3760420.86        0.75729  (13012516)
       487553.10   3761208.24        0.73196  (15122216)                487899.76
       3760972.40        0.80560  (15122216)
       487983.18   3762301.23        0.96798  (16123016)                487913.66
       3762403.25        0.90981  (16123016)
       487890.59   3762238.09        0.93408  (16123016)                488190.14
       3762513.88        0.91673  (16123016)
       488424.39   3762586.51        1.00790  (16010616)                488657.54
       3762495.87        1.32604  (16010616)
       488908.17   3762583.23        1.98596  (16010616)                489170.26
       3762660.77        2.87739  (16010516)
       489382.17   3762809.64        2.54899  (16122316)                489294.91
       3762783.65        2.60431  (16010516)
       489889.72   3762661.22        3.92927  (12022716)                490022.93
       3762783.29        2.31378  (12022716)
       490423.96   3762839.25        1.60613  (12022716)                490375.94
       3762870.37        1.64679  (12022716)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:40:18

                    PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                              VOL218      , VOL219      , VOL220      ,
                VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                VOL226      , VOL227      , VOL228      ,
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VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.25212	(12022716)	491132.33	3762903.51	1.23797	(16122216)
492890.84	3762203.51	5.80935	(12022716)	492961.55	3762258.51	3.64921	(12022716)
493033.99	3762272.60	2.95824	(12022716)	493032.31	3762205.18	3.34935	(12022716)
493087.32	3762215.25	2.57805	(12022716)	493079.94	3762296.41	2.51544	(12022716)
493163.79	3762367.18	1.80855	(12022716)	493068.87	3762510.05	1.32009	(12022716)
493101.07	3762454.71	1.65342	(12022716)	493281.84	3762369.19	1.30754	(12022716)
493351.51	3762095.42	1.79815	(16011516)	493439.48	3762105.84	1.55777	(15013016)
493972.90	3763044.23	0.64237	(14012416)	493957.03	3763184.09	0.62273	(14012416)
493583.55	3763480.45	0.62019	(14012416)	493258.47	3763568.15	0.63347	(14012416)
492895.78	3763485.72	0.68639	(14012416)	493781.01	3761659.05	2.48743	(16011516)
493797.63	3761658.35	2.36500	(16011516)	493831.94	3761631.47	2.38583	(16011516)
493900.20	3761664.01	1.78626	(16011516)	493918.59	3761666.13	1.71809	(16011516)
493929.55	3761662.24	1.71185	(16011516)	493945.82	3761667.90	1.62523	(16011516)
493758.37	3761524.30	4.37161	(12042316)	493961.03	3761672.85	1.55872	(16011516)
493975.18	3761679.57	1.50220	(16011516)	493987.55	3761687.70	1.44256	(16011516)
493998.87	3761697.25	1.38778	(16011516)	494007.71	3761707.51	1.33452	(16011516)
494016.91	3761718.12	1.28182	(16011516)	494024.69	3761730.85	1.24028	(16011516)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR,

ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

*** NONE ***

******** WARNING MESSAGES ********

ME W186 1069 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50

ME W187 1069 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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*** AERMOD Finishes Successfully ***

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Cons NOX
Mit\15218 Ph4 Cons NOX Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Cons NOX Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL216       VOLUME     493474.822  3761589.033      706.010
   LOCATION VOL217       VOLUME     493510.022  3761453.414      684.760
   LOCATION VOL218       VOLUME     493509.704  3761320.588      683.000
   LOCATION VOL219       VOLUME     493476.687  3761226.751      682.640
   LOCATION VOL220       VOLUME     493549.672  3761589.934      700.810
   LOCATION VOL221       VOLUME     493582.688  3761454.392      685.090
   LOCATION VOL222       VOLUME     493605.278  3761341.441      681.760
   LOCATION VOL223       VOLUME     492863.273  3762017.413      699.030
   LOCATION VOL224       VOLUME     492786.814  3762053.905      698.350
   LOCATION VOL225       VOLUME     492865.011  3761878.395      693.610
   LOCATION VOL226       VOLUME     492844.158  3761748.066      688.210
   LOCATION VOL227       VOLUME     492715.567  3761746.329      695.000
   LOCATION VOL228       VOLUME     492788.551  3761881.871      695.460
   LOCATION VOL229       VOLUME     492727.731  3762012.200      697.120
   LOCATION VOL230       VOLUME     492677.337  3762020.888      694.770
   LOCATION VOL231       VOLUME     490908.341  3761767.181      669.840
   LOCATION VOL232       VOLUME     490882.275  3761638.590      673.120
   LOCATION VOL233       VOLUME     490772.799  3761772.395      662.670
   LOCATION VOL234       VOLUME     490743.258  3761661.181      674.600
   LOCATION VOL235       VOLUME     490755.422  3761873.182      658.580
   LOCATION VOL236       VOLUME     490670.274  3761909.674      658.590
   LOCATION VOL237       VOLUME     490635.519  3761775.870      671.160
   LOCATION VOL238       VOLUME     490609.454  3761716.788      675.970
   LOCATION VOL239       VOLUME     490473.912  3761728.952      675.610
   LOCATION VOL240       VOLUME     490334.894  3761732.427      676.460
   LOCATION VOL241       VOLUME     490296.665  3761741.116      675.880
   LOCATION VOL242       VOLUME     490529.519  3761852.330      668.250
   LOCATION VOL243       VOLUME     490392.239  3761866.231      674.000
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   LOCATION VOL244       VOLUME     490538.207  3761902.723      670.080
   LOCATION VOL245       VOLUME     490319.255  3761847.116      674.640
   LOCATION VOL246       VOLUME     490214.992  3761643.803      671.070
   LOCATION VOL247       VOLUME     490069.024  3761690.722      667.180
   LOCATION VOL248       VOLUME     489931.744  3761685.509      660.170
   LOCATION VOL249       VOLUME     490079.450  3761556.918      671.240
   LOCATION VOL250       VOLUME     489942.170  3761551.704      667.860
   LOCATION VOL251       VOLUME     489806.628  3761483.933      667.210
   LOCATION VOL252       VOLUME     489735.382  3761489.147      667.180
   LOCATION VOL253       VOLUME     489980.400  3761824.526      660.890
   LOCATION VOL254       VOLUME     490060.335  3761918.363      666.740
   LOCATION VOL255       VOLUME     490023.843  3761970.494      670.170
   LOCATION VOL256       VOLUME     489914.367  3762024.364      669.860
   LOCATION VOL257       VOLUME     489890.039  3761909.674      663.100
   LOCATION VOL258       VOLUME     489841.383  3761793.247      664.580
   LOCATION VOL259       VOLUME     489705.841  3761786.296      670.830
   LOCATION VOL260       VOLUME     489665.873  3761852.330      667.930
   LOCATION VOL261       VOLUME     489777.087  3761920.100      673.280
   LOCATION VOL262       VOLUME     489658.922  3761987.871      673.090
   LOCATION VOL263       VOLUME     489660.660  3762121.676      670.050
   LOCATION VOL264       VOLUME     489787.513  3762052.167      677.790
   LOCATION VOL265       VOLUME     489789.251  3762187.709      673.550
   LOCATION VOL266       VOLUME     489660.660  3762255.480      670.900
   LOCATION VOL267       VOLUME     489674.562  3762389.284      661.900
   LOCATION VOL268       VOLUME     489702.365  3762444.891      667.840
   LOCATION VOL269       VOLUME     489796.202  3762324.989      669.910
   LOCATION VOL270       VOLUME     489886.563  3762319.775      672.070
   LOCATION VOL271       VOLUME     489836.169  3762417.088      661.320
   LOCATION VOL272       VOLUME     491466.148  3762446.629      677.130
   LOCATION VOL273       VOLUME     491349.721  3762450.104      685.480
   LOCATION VOL274       VOLUME     491360.148  3762309.349      687.200
** Source Parameters **
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   SRCPARAM VOL219       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL220       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL221       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL222       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL223       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL224       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL225       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL226       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL227       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL228       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL229       0.0050719485     5.000    31.816     1.400
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   SRCPARAM VOL232       0.0050719485     5.000    31.816     1.400
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   SRCPARAM VOL235       0.0050719485     5.000    31.816     1.400
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   SRCPARAM VOL239       0.0050719485     5.000    31.816     1.400
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   SRCPARAM VOL245       0.0050719485     5.000    31.816     1.400
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   SRCPARAM VOL253       0.0050719485     5.000    31.816     1.400
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   SRCPARAM VOL256       0.0050719485     5.000    31.816     1.400
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   SRCPARAM VOL260       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL261       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL262       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL263       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL264       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL265       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL266       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL267       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL268       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL269       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL270       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL271       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL272       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL273       0.0050719485     5.000    31.816     1.400
   SRCPARAM VOL274       0.0050719485     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL222       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL223       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL224       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL225       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL226       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL227       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL228       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL229       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL230       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL231       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL232       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL233       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL234       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL235       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL237       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL238       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL239       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL240       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL241       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL242       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL243       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL244       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL245       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL246       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL247       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL248       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL249       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL250       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL251       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL252       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL253       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL254       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL255       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL256       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL257       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL258       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL259       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL260       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL261       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL262       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL263       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL264       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL265       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL266       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL267       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL268       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL269       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL270       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL271       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL272       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL273       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL274       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Cons NOX Mit.rou"
```

```
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH4 CONS NOX MIT.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph4 Cons NOX Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1069       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1069       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
```

```
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for    59 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: NOX

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:     59 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     59 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate
                 Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   15218 Ph4 Cons NOX
 Mit.err
 **File for Summary of Results:   15218 Ph4 Cons NOX
 Mit.sum
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL216	0	0.50719E-02	493474.8	3761589.0	706.0	5.00	31.82	1.40	YES HRDOW
VOL217	0	0.50719E-02	493510.0	3761453.4	684.8	5.00	31.82	1.40	YES HRDOW
VOL218	0	0.50719E-02	493509.7	3761320.6	683.0	5.00	31.82	1.40	YES HRDOW
VOL219	0	0.50719E-02	493476.7	3761226.8	682.6	5.00	31.82	1.40	YES HRDOW
VOL220	0	0.50719E-02	493549.7	3761589.9	700.8	5.00	31.82	1.40	YES HRDOW
VOL221	0	0.50719E-02	493582.7	3761454.4	685.1	5.00	31.82	1.40	YES HRDOW
VOL222	0	0.50719E-02	493605.3	3761341.4	681.8	5.00	31.82	1.40	YES HRDOW
VOL223	0	0.50719E-02	492863.3	3762017.4	699.0	5.00	31.82	1.40	YES HRDOW
VOL224	0	0.50719E-02	492786.8	3762053.9	698.3	5.00	31.82	1.40	YES HRDOW
VOL225	0	0.50719E-02	492865.0	3761878.4	693.6	5.00	31.82	1.40	YES HRDOW
VOL226	0	0.50719E-02	492844.2	3761748.1	688.2	5.00	31.82	1.40	YES HRDOW
VOL227	0	0.50719E-02	492715.6	3761746.3	695.0	5.00	31.82	1.40	YES HRDOW
VOL228	0	0.50719E-02	492788.6	3761881.9	695.5	5.00	31.82	1.40	YES HRDOW
VOL229	0	0.50719E-02	492727.7	3762012.2	697.1	5.00	31.82	1.40	YES HRDOW
VOL230	0	0.50719E-02	492677.3	3762020.9	694.8	5.00	31.82	1.40	YES HRDOW
VOL231	0	0.50719E-02	490908.3	3761767.2	669.8	5.00	31.82	1.40	YES HRDOW
VOL232	0	0.50719E-02	490882.3	3761638.6	673.1	5.00	31.82	1.40	YES HRDOW
VOL233	0	0.50719E-02	490772.8	3761772.4	662.7	5.00	31.82	1.40	YES HRDOW
VOL234	0	0.50719E-02	490743.3	3761661.2	674.6	5.00	31.82	1.40	YES HRDOW
VOL235	0	0.50719E-02	490755.4	3761873.2	658.6	5.00	31.82	1.40	YES HRDOW
VOL236	0	0.50719E-02	490670.3	3761909.7	658.6	5.00	31.82	1.40	YES HRDOW
VOL237	0	0.50719E-02	490635.5	3761775.9	671.2	5.00	31.82	1.40	YES HRDOW
VOL238	0	0.50719E-02	490609.5	3761716.8	676.0	5.00	31.82	1.40	YES HRDOW
VOL239	0	0.50719E-02	490473.9	3761729.0	675.6	5.00	31.82	1.40	YES HRDOW

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 VOL240           0   0.50719E-02  490334.9 3761732.4   676.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL241           0   0.50719E-02  490296.7 3761741.1   675.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL242           0   0.50719E-02  490529.5 3761852.3   668.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL243           0   0.50719E-02  490392.2 3761866.2   674.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL244           0   0.50719E-02  490538.2 3761902.7   670.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL245           0   0.50719E-02  490319.3 3761847.1   674.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL246           0   0.50719E-02  490215.0 3761643.8   671.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL247           0   0.50719E-02  490069.0 3761690.7   667.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL248           0   0.50719E-02  489931.7 3761685.5   660.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL249           0   0.50719E-02  490079.5 3761556.9   671.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL250           0   0.50719E-02  489942.2 3761551.7   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL251           0   0.50719E-02  489806.6 3761483.9   667.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL252           0   0.50719E-02  489735.4 3761489.1   667.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL253           0   0.50719E-02  489980.4 3761824.5   660.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL254           0   0.50719E-02  490060.3 3761918.4   666.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL255           0   0.50719E-02  490023.8 3761970.5   670.2     5.00    31.82     1.40
 YES   HRDOW            NO
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Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -

 VOL256           0   0.50719E-02  489914.4 3762024.4   669.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL257           0   0.50719E-02  489890.0 3761909.7   663.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL258           0   0.50719E-02  489841.4 3761793.2   664.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL259           0   0.50719E-02  489705.8 3761786.3   670.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL260           0   0.50719E-02  489665.9 3761852.3   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL261           0   0.50719E-02  489777.1 3761920.1   673.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL262           0   0.50719E-02  489658.9 3761987.9   673.1     5.00    31.82     1.40
 YES   HRDOW            NO
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 VOL263           0   0.50719E-02  489660.7 3762121.7   670.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL264           0   0.50719E-02  489787.5 3762052.2   677.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL265           0   0.50719E-02  489789.3 3762187.7   673.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL266           0   0.50719E-02  489660.7 3762255.5   670.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL267           0   0.50719E-02  489674.6 3762389.3   661.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL268           0   0.50719E-02  489702.4 3762444.9   667.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL269           0   0.50719E-02  489796.2 3762325.0   669.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL270           0   0.50719E-02  489886.6 3762319.8   672.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL271           0   0.50719E-02  489836.2 3762417.1   661.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL272           0   0.50719E-02  491466.1 3762446.6   677.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL273           0   0.50719E-02  491349.7 3762450.1   685.5     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL274           0   0.50719E-02  491360.1 3762309.3   687.2     5.00    31.82     1.40
 YES   HRDOW            NO
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Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL216      , VOL217      , VOL218      , VOL219      , VOL220      , VOL221      ,
  VOL222      , VOL223      ,

             VOL224      , VOL225      , VOL226      , VOL227      , VOL228      , VOL229      ,
             VOL230      , VOL231      ,

             VOL232      , VOL233      , VOL234      , VOL235      , VOL236      , VOL237      ,
             VOL238      , VOL239      ,

             VOL240      , VOL241      , VOL242      , VOL243      , VOL244      , VOL245      ,
             VOL246      , VOL247      ,

             VOL248      , VOL249      , VOL250      , VOL251      , VOL252      , VOL253      ,
             VOL254      , VOL255      ,

             VOL256      , VOL257      , VOL258      , VOL259      , VOL260      , VOL261      ,
             VOL262      , VOL263      ,

             VOL264      , VOL265      , VOL266      , VOL267      , VOL268      , VOL269      ,
             VOL270      , VOL271      ,

             VOL272      , VOL273      , VOL274      ,
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Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
		VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
		VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
		VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
		VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
		VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 , VOL262 , VOL263 ,
		VOL264 , VOL265 , VOL266 , VOL267 , VOL268 , VOL269 , VOL270 , VOL271 ,
		VOL272 , VOL273 , VOL274 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 10:48:21

PAGE 7
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL217 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 16216 ***
*** *** 10:48:21

PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL218 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 10:48:21

PAGE 9
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 10:48:21

PAGE 10
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL220 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL221       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL222 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL226 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL227 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                      PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL228       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                      PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL229       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL233 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL234 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL235       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL236       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:48:21

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL237       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:48:21

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL238       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                      PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL239       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL241 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL243 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:48:21

                      PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL244       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:48:21

                      PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL245       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
```

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL247 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL249 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL252 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL253       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL254       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL256 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL257 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL258 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL259 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL260 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL261 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:48:21

                     PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL262       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:48:21

                     PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL263 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL265   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 10:48:21

PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL267 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL269 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL270 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL271 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL272 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL273 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL274 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);

(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5

```
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                      PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                                  VOL218      , VOL219      , VOL220      ,
                    VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                    VOL226      , VOL227      , VOL228      ,
                    VOL229      , VOL230      , VOL231      , VOL232      , VOL233      ,
                    VOL234      , VOL235      , VOL236      ,
                    VOL237      , VOL238      , VOL239      , VOL240      , VOL241      ,
                    VOL242      , VOL243      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF NOX      IN
                                       MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        0.49040  (13010916)               493409.97
       3761986.39        0.53337  (16122116)
```

493417.46 3761972.99 0.56402 (16122116) 493468.31
3761958.40 0.72572 (16122116)
493499.84 3761947.37 0.81898 (14123016) 493614.36
3761892.81 0.88609 (14123016)
493613.66 3761905.05 0.87149 (14123016) 493614.36
3761917.12 0.85292 (14123016)
493614.36 3761927.44 0.83905 (14123016) 493613.31
3761940.20 0.82450 (14123016)
493616.46 3761952.10 0.79811 (14123016) 493615.23
3761961.71 0.78900 (14123016)
493614.53 3761973.78 0.77481 (14123016) 493614.01
3761984.98 0.76158 (14123016)
493613.66 3761996.52 0.74627 (14123016) 493614.18
3762007.36 0.73002 (14123016)
493615.76 3762018.56 0.71157 (14123016) 493614.71
3762025.73 0.70536 (14123016)
493614.36 3762035.00 0.69514 (14123016) 493613.13
3762043.74 0.68742 (14123016)
493613.66 3762052.14 0.67696 (14123016) 493613.83
3762061.58 0.66639 (14123016)
493614.18 3762071.55 0.65523 (14123016) 493696.46
3761742.53 2.17098 (12022716)
493707.35 3761768.92 1.90541 (12022716) 493727.98
3761742.80 1.96104 (12022716)
493755.61 3761733.69 1.78095 (12022716) 493750.48
3761720.58 1.84043 (12022716)
493745.92 3761709.48 1.89220 (12022716) 493741.37
3761696.95 1.94467 (12022716)
493738.52 3761681.00 1.97897 (12022716) 493737.38
3761663.91 1.98700 (12022716)
493736.52 3761651.38 2.01105 (12022716) 494418.08
3761416.13 0.42227 (12121716)
494473.73 3761368.11 0.44242 (12121716) 494939.85
3761394.35 0.22175 (12121716)
494686.37 3761403.42 0.30659 (12121716) 494575.98
3761568.60 0.21556 (16121514)
494541.49 3761602.79 0.21155 (15121016) 494822.53
3761435.24 0.23046 (12121716)
494846.18 3761504.63 0.20892 (16121514) 494841.06
3761535.78 0.20352 (16121514)
494837.90 3761553.12 0.20037 (16121514) 494885.61
3761199.09 0.37256 (12121716)
494976.68 3761325.65 0.26221 (12121716) 494985.35
3761366.25 0.22986 (12121716)
495070.90 3761299.23 0.24137 (12121716) 495115.47
3760632.60 0.34698 (12121716)
495069.03 3760685.30 0.36400 (12121716) 495087.55
3760728.31 0.38081 (12121716)
495079.90 3760834.52 0.41260 (12121716) 495202.38
3760883.65 0.40698 (12121716)
495237.63 3760939.31 0.39276 (12121716) 495298.45
3761048.56 0.33387 (12121716)
490844.43 3759375.83 0.09794 (14021809) 490895.79
3759357.70 0.09730 (15091509)
490596.67 3759246.67 0.12357 (14021809) 489103.59
3759859.22 0.30351 (13112916)
488940.48 3759893.26 0.26503 (12021516) 488472.34
3759865.64 0.29507 (12021516)
488432.53 3759884.27 0.29492 (12021516) 488713.15
3759827.76 0.28001 (12021516)
487562.29 3760285.62 0.11949 (15122215) 487809.35
3760420.86 0.12861 (12121315)
487553.10 3761208.24 0.16910 (14120216) 487899.76
3760972.40 0.16540 (16012009)
487983.18 3762301.23 0.40602 (16123016) 487913.66
3762403.25 0.36344 (16123016)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.63432	(12022716)	491132.33	3762903.51	0.58691	(12022716)
492890.84	3762203.51	2.76327	(12022716)	492961.55	3762258.51	2.05555	(12022716)
493033.99	3762272.60	1.87830	(12022716)	493032.31	3762205.18	2.16388	(12022716)
493087.32	3762215.25	1.66574	(12022716)	493079.94	3762296.41	1.61084	(12022716)
493163.79	3762367.18	1.10858	(12022716)	493068.87	3762510.05	0.68402	(12022716)
493101.07	3762454.71	0.97179	(12022716)	493281.84	3762369.19	0.77496	(12022716)
493351.51	3762095.42	0.48022	(13010916)	493439.48	3762105.84	0.51030	(16122116)
493972.90	3763044.23	0.21305	(16112816)	493957.03	3763184.09	0.22284	(16112816)
493583.55	3763480.45	0.18024	(16112816)	493258.47	3763568.15	0.14550	(14120214)
492895.78	3763485.72	0.14322	(14120214)	493781.01	3761659.05	1.56623	(12022716)
493797.63	3761658.35	1.44807	(12022716)	493831.94	3761631.47	1.12487	(12022716)
493900.20	3761664.01	0.77788	(12022716)	493918.59	3761666.13	0.68846	(12022716)
493929.55	3761662.24	0.62492	(12022716)	493945.82	3761667.90	0.55060	(12022716)
488890.59	3762238.09	0.39979	(16123016)	488190.14	3762513.88	0.33256	(16123016)
488424.39	3762586.51	0.42763	(14120316)	488657.54	3762495.87	0.54385	(14120316)
488908.17	3762583.23	0.77390	(14120316)	489170.26	3762660.77	0.95466	(14120316)
489382.17	3762809.64	0.61674	(16011116)	489294.91	3762783.65	0.70744	(14120316)
489889.72	3762661.22	1.34689	(12022716)	490022.93	3762783.29	0.92260	(12022716)
490423.96	3762839.25	0.79094	(12022716)	490375.94	3762870.37	0.81419	(12022716)

```
       493758.37   3761524.30        1.30125  (12022716)                493961.03
       3761672.85        0.49670  (16112816)
       493975.18   3761679.57        0.47597  (16112816)                493987.55
       3761687.70        0.46056  (16112816)
       493998.87   3761697.25        0.44141  (16112816)                494007.71
       3761707.51        0.42865  (16112816)
       494016.91   3761718.12        0.41841  (16112816)                494024.69
       3761730.85        0.40585  (12022716)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                    ** CONC OF NOX      IN
                                    MICROGRAMS/M**3                        **


                                                    DATE
                                                                                NETWORK
GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       2.76327  ON 12022716: AT (  492890.84,  3762203.51,
695.84,   718.00,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:48:21

                     PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          388 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          191 Calm Hours Identified

 A Total of          197 Missing Hours Identified (  0.45 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

```
ME W186    1069       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1069       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Cons PM10
Mit\15218 Ph4 Cons PM10 Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Cons PM10 Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL216       VOLUME     493474.822  3761589.033      706.010
   LOCATION VOL217       VOLUME     493510.022  3761453.414      684.760
   LOCATION VOL218       VOLUME     493509.704  3761320.588      683.000
   LOCATION VOL219       VOLUME     493476.687  3761226.751      682.640
   LOCATION VOL220       VOLUME     493549.672  3761589.934      700.810
   LOCATION VOL221       VOLUME     493582.688  3761454.392      685.090
   LOCATION VOL222       VOLUME     493605.278  3761341.441      681.760
   LOCATION VOL223       VOLUME     492863.273  3762017.413      699.030
   LOCATION VOL224       VOLUME     492786.814  3762053.905      698.350
   LOCATION VOL225       VOLUME     492865.011  3761878.395      693.610
   LOCATION VOL226       VOLUME     492844.158  3761748.066      688.210
   LOCATION VOL227       VOLUME     492715.567  3761746.329      695.000
   LOCATION VOL228       VOLUME     492788.551  3761881.871      695.460
   LOCATION VOL229       VOLUME     492727.731  3762012.200      697.120
   LOCATION VOL230       VOLUME     492677.337  3762020.888      694.770
   LOCATION VOL231       VOLUME     490908.341  3761767.181      669.840
   LOCATION VOL232       VOLUME     490882.275  3761638.590      673.120
   LOCATION VOL233       VOLUME     490772.799  3761772.395      662.670
   LOCATION VOL234       VOLUME     490743.258  3761661.181      674.600
   LOCATION VOL235       VOLUME     490755.422  3761873.182      658.580
   LOCATION VOL236       VOLUME     490670.274  3761909.674      658.590
   LOCATION VOL237       VOLUME     490635.519  3761775.870      671.160
   LOCATION VOL238       VOLUME     490609.454  3761716.788      675.970
   LOCATION VOL239       VOLUME     490473.912  3761728.952      675.610
   LOCATION VOL240       VOLUME     490334.894  3761732.427      676.460
   LOCATION VOL241       VOLUME     490296.665  3761741.116      675.880
   LOCATION VOL242       VOLUME     490529.519  3761852.330      668.250
   LOCATION VOL243       VOLUME     490392.239  3761866.231      674.000
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   LOCATION VOL244       VOLUME     490538.207  3761902.723      670.080
   LOCATION VOL245       VOLUME     490319.255  3761847.116      674.640
   LOCATION VOL246       VOLUME     490214.992  3761643.803      671.070
   LOCATION VOL247       VOLUME     490069.024  3761690.722      667.180
   LOCATION VOL248       VOLUME     489931.744  3761685.509      660.170
   LOCATION VOL249       VOLUME     490079.450  3761556.918      671.240
   LOCATION VOL250       VOLUME     489942.170  3761551.704      667.860
   LOCATION VOL251       VOLUME     489806.628  3761483.933      667.210
   LOCATION VOL252       VOLUME     489735.382  3761489.147      667.180
   LOCATION VOL253       VOLUME     489980.400  3761824.526      660.890
   LOCATION VOL254       VOLUME     490060.335  3761918.363      666.740
   LOCATION VOL255       VOLUME     490023.843  3761970.494      670.170
   LOCATION VOL256       VOLUME     489914.367  3762024.364      669.860
   LOCATION VOL257       VOLUME     489890.039  3761909.674      663.100
   LOCATION VOL258       VOLUME     489841.383  3761793.247      664.580
   LOCATION VOL259       VOLUME     489705.841  3761786.296      670.830
   LOCATION VOL260       VOLUME     489665.873  3761852.330      667.930
   LOCATION VOL261       VOLUME     489777.087  3761920.100      673.280
   LOCATION VOL262       VOLUME     489658.922  3761987.871      673.090
   LOCATION VOL263       VOLUME     489660.660  3762121.676      670.050
   LOCATION VOL264       VOLUME     489787.513  3762052.167      677.790
   LOCATION VOL265       VOLUME     489789.251  3762187.709      673.550
   LOCATION VOL266       VOLUME     489660.660  3762255.480      670.900
   LOCATION VOL267       VOLUME     489674.562  3762389.284      661.900
   LOCATION VOL268       VOLUME     489702.365  3762444.891      667.840
   LOCATION VOL269       VOLUME     489796.202  3762324.989      669.910
   LOCATION VOL270       VOLUME     489886.563  3762319.775      672.070
   LOCATION VOL271       VOLUME     489836.169  3762417.088      661.320
   LOCATION VOL272       VOLUME     491466.148  3762446.629      677.130
   LOCATION VOL273       VOLUME     491349.721  3762450.104      685.480
   LOCATION VOL274       VOLUME     491360.148  3762309.349      687.200
   LOCATION PAREA1       AREAPOLY   489684.069  3762510.494      658.630
   LOCATION PAREA2       AREAPOLY   491281.737  3762502.631      673.840
   LOCATION PAREA3       AREAPOLY   492618.295  3761995.439      687.180
   LOCATION PAREA4       AREAPOLY   493401.487  3761582.591      702.220
** Source Parameters **
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   SRCPARAM VOL217       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL218       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL219       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL220       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL221       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL222       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL223       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL224       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL225       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL226       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL227       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL228       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL229       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL230       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL231       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL232       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL233       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL234       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL235       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL236       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL237       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL238       0.0001895307     5.000    31.816     1.400
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   SRCPARAM VOL240       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL241       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL242       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL243       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL244       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL245       0.0001895307     5.000    31.816     1.400
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SRCPARAM VOL246       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL247       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL248       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL249       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL250       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL251       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL252       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL253       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL254       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL255       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL256       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL257       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL258       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL259       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL260       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL261       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL262       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL263       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL264       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL265       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL266       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL267       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL268       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL269       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL270       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL271       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL272       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL273       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL274       0.0001895307     5.000    31.816     1.400
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AREAVERT PAREA1       489684.069 3762510.494 489775.275 3762477.471
AREAVERT PAREA1       489824.023 3762477.471 489957.686 3762331.228
AREAVERT PAREA1       489924.663 3762293.488 489902.648 3762274.618
AREAVERT PAREA1       489877.488 3762227.443 489844.465 3762161.397
AREAVERT PAREA1       489838.175 3762112.650 489836.603 3762092.207
AREAVERT PAREA1       489888.495 3762082.772 490085.059 3762037.169
AREAVERT PAREA1       490089.776 3762012.009 490102.356 3761994.712
AREAVERT PAREA1       490124.371 3761974.269 490042.601 3761783.996
AREAVERT PAREA1       490242.309 3761697.508 490278.477 3761826.453
AREAVERT PAREA1       490313.072 3761876.773 490346.095 3761912.941
AREAVERT PAREA1       490404.278 3761930.239 490525.361 3761936.529
AREAVERT PAREA1       490611.849 3761944.391 490677.894 3761958.544
AREAVERT PAREA1       490714.062 3761971.124 490780.107 3761883.064
AREAVERT PAREA1       490832.000 3761853.186 490879.175 3761818.591
AREAVERT PAREA1       490964.090 3761795.003 490924.777 3761585.860
AREAVERT PAREA1       490720.352 3761653.477 490643.299 3761672.348
AREAVERT PAREA1       490506.491 3761684.928 490294.202 3761691.218
AREAVERT PAREA1       490287.912 3761648.760 490270.615 3761628.317
AREAVERT PAREA1       490226.584 3761611.020 490190.417 3761581.142
AREAVERT PAREA1       490133.806 3761548.119 490069.334 3761522.959
AREAVERT PAREA1       489985.991 3761516.669 489902.648 3761504.089
AREAVERT PAREA1       489877.488 3761485.219 489841.320 3761419.174
AREAVERT PAREA1       489824.023 3761422.319 489737.535 3761438.044
AREAVERT PAREA1       489709.229 3761453.769 489690.359 3761491.509
AREAVERT PAREA1       489671.489 3761515.097 489691.932 3761543.402
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AREAVERT PAREA1       489871.198 3761541.829 489877.488 3761529.249
AREAVERT PAREA1       489918.373 3761529.249 490045.746 3761538.684
AREAVERT PAREA1       490105.501 3761551.265 490146.386 3761568.562
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AREAVERT PAREA1       490269.042 3761645.615 490267.470 3761678.638
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AREAVERT PAREA1       490037.883 3761650.332 490001.716 3761647.187
AREAVERT PAREA1       489927.808 3761666.058 489965.548 3761714.805
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AREAVERT PAREA1       489978.128 3761790.286 489948.251 3761804.438
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   AREAVERT PAREA1       489910.510 3761798.148 489890.068 3761771.416
   AREAVERT PAREA1       489874.343 3761752.545 489849.183 3761743.110
   AREAVERT PAREA1       489833.458 3761730.530 489809.870 3761727.385
   AREAVERT PAREA1       489754.832 3761725.813 489655.764 3761727.385
   AREAVERT PAREA1       489663.627 3761776.133 489621.169 3761809.156
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   AREAVERT PAREA1       489629.032 3761867.338 489635.322 3761879.918
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   AREAVERT PAREA1       489588.146 3761947.536 489592.864 3762112.650
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   AREAVERT PAREA1       489630.604 3762158.252 489629.032 3762197.565
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   AREAVERT PAREA1       489596.009 3762290.343 489627.459 3762332.801
   AREAVERT PAREA1       489633.749 3762362.678 489633.749 3762405.136
   AREAVERT PAREA1       489613.307 3762439.731
   SRCPARAM PAREA2       1.8241E-07     0.000         8     1.000
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   AREAVERT PAREA2       491530.193 3762499.486 491545.918 3762384.693
   AREAVERT PAREA2       491459.430 3762365.823 491410.682 3762317.075
   AREAVERT PAREA2       491347.782 3762247.885 491311.614 3762235.305
   SRCPARAM PAREA3       1.8241E-07     0.000        20     1.000
   AREAVERT PAREA3       492618.295 3761995.439 492621.704 3762028.387
   AREAVERT PAREA3       492656.924 3762063.608 492708.051 3762043.157
   AREAVERT PAREA3       492734.183 3762074.969 492717.140 3762096.556
   AREAVERT PAREA3       492751.225 3762114.734 492785.310 3762119.279
   AREAVERT PAREA3       492814.849 3762094.284 492896.652 3762079.514
   AREAVERT PAREA3       492928.465 3762059.063 492934.145 3761880.687
   AREAVERT PAREA3       492912.558 3761845.467 492911.422 3761688.678
   AREAVERT PAREA3       492894.380 3761672.772 492853.479 3761686.405
   AREAVERT PAREA3       492776.220 3761679.589 492636.474 3761677.316
   AREAVERT PAREA3       492763.723 3761887.504 492611.478 3761967.035
   SRCPARAM PAREA4       1.8241E-07     0.000        17     1.000
   AREAVERT PAREA4       493401.487 3761582.591 493452.616 3761633.719
   AREAVERT PAREA4       493508.289 3761654.171 493538.967 3761657.579
   AREAVERT PAREA4       493575.325 3761658.716 493582.142 3761606.451
   AREAVERT PAREA4       493607.138 3761506.465 493670.765 3761349.671
   AREAVERT PAREA4       493596.913 3761307.631 493513.970 3761241.732
   AREAVERT PAREA4       493449.207 3761184.922 493411.713 3761155.381
   AREAVERT PAREA4       493413.985 3761269.001 493442.390 3761307.631
   AREAVERT PAREA4       493442.390 3761521.236 493438.982 3761545.096
   AREAVERT PAREA4       493429.892 3761565.548
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL222       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL223       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL224       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL225       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL226       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL227       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL228       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL229       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL230       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL231       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL232       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL233       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL234       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL235       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL237       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL238       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL239       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL240       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL241       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL242       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL243       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL244       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL245       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL246       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL247       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL248       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL249       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL250       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL251       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL252       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL253       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL254       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL255       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL256       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL257       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL258       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL259       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL260       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL261       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL262       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL263       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL264       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL265       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL266       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL267       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL268       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL269       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL270       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL271       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL272       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL273       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL274       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA3       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Cons PM10 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH4 CONS PM10 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph4 Cons PM10 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1211       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1211       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       10:26:36
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL216	0	0.18953E-03 HRDOW	493474.8	3761589.0	706.0	5.00	31.82	1.40
YES		NO						
VOL217	0	0.18953E-03 HRDOW	493510.0	3761453.4	684.8	5.00	31.82	1.40
YES		NO						
VOL218	0	0.18953E-03 HRDOW	493509.7	3761320.6	683.0	5.00	31.82	1.40
YES		NO						
VOL219	0	0.18953E-03 HRDOW	493476.7	3761226.8	682.6	5.00	31.82	1.40
YES		NO						
VOL220	0	0.18953E-03 HRDOW	493549.7	3761589.9	700.8	5.00	31.82	1.40
YES		NO						
VOL221	0	0.18953E-03 HRDOW	493582.7	3761454.4	685.1	5.00	31.82	1.40
YES		NO						
VOL222	0	0.18953E-03 HRDOW	493605.3	3761341.4	681.8	5.00	31.82	1.40
YES		NO						
VOL223	0	0.18953E-03 HRDOW	492863.3	3762017.4	699.0	5.00	31.82	1.40
YES		NO						
VOL224	0	0.18953E-03 HRDOW	492786.8	3762053.9	698.3	5.00	31.82	1.40
YES		NO						
VOL225	0	0.18953E-03 HRDOW	492865.0	3761878.4	693.6	5.00	31.82	1.40
YES		NO						
VOL226	0	0.18953E-03 HRDOW	492844.2	3761748.1	688.2	5.00	31.82	1.40
YES		NO						
VOL227	0	0.18953E-03 HRDOW	492715.6	3761746.3	695.0	5.00	31.82	1.40
YES		NO						
VOL228	0	0.18953E-03 HRDOW	492788.6	3761881.9	695.5	5.00	31.82	1.40
YES		NO						
VOL229	0	0.18953E-03 HRDOW	492727.7	3762012.2	697.1	5.00	31.82	1.40
YES		NO						
VOL230	0	0.18953E-03 HRDOW	492677.3	3762020.9	694.8	5.00	31.82	1.40
YES		NO						
VOL231	0	0.18953E-03 HRDOW	490908.3	3761767.2	669.8	5.00	31.82	1.40
YES		NO						
VOL232	0	0.18953E-03 HRDOW	490882.3	3761638.6	673.1	5.00	31.82	1.40
YES		NO						
VOL233	0	0.18953E-03 HRDOW	490772.8	3761772.4	662.7	5.00	31.82	1.40
YES		NO						
VOL234	0	0.18953E-03 HRDOW	490743.3	3761661.2	674.6	5.00	31.82	1.40
YES		NO						

```
 VOL235          0   0.18953E-03  490755.4 3761873.2   658.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL236          0   0.18953E-03  490670.3 3761909.7   658.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL237          0   0.18953E-03  490635.5 3761775.9   671.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL238          0   0.18953E-03  490609.5 3761716.8   676.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL239          0   0.18953E-03  490473.9 3761729.0   675.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL240          0   0.18953E-03  490334.9 3761732.4   676.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL241          0   0.18953E-03  490296.7 3761741.1   675.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL242          0   0.18953E-03  490529.5 3761852.3   668.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL243          0   0.18953E-03  490392.2 3761866.2   674.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL244          0   0.18953E-03  490538.2 3761902.7   670.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL245          0   0.18953E-03  490319.3 3761847.1   674.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL246          0   0.18953E-03  490215.0 3761643.8   671.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL247          0   0.18953E-03  490069.0 3761690.7   667.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL248          0   0.18953E-03  489931.7 3761685.5   660.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL249          0   0.18953E-03  490079.5 3761556.9   671.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL250          0   0.18953E-03  489942.2 3761551.7   667.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL251          0   0.18953E-03  489806.6 3761483.9   667.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL252          0   0.18953E-03  489735.4 3761489.1   667.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL253          0   0.18953E-03  489980.4 3761824.5   660.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL254          0   0.18953E-03  490060.3 3761918.4   666.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL255          0   0.18953E-03  490023.8 3761970.5   670.2     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       10:26:36

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - -

 VOL256          0   0.18953E-03  489914.4 3762024.4   669.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL257          0   0.18953E-03  489890.0 3761909.7   663.1     5.00    31.82     1.40
 YES   HRDOW           NO
```

```
 VOL258          0   0.18953E-03  489841.4 3761793.2   664.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL259          0   0.18953E-03  489705.8 3761786.3   670.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL260          0   0.18953E-03  489665.9 3761852.3   667.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL261          0   0.18953E-03  489777.1 3761920.1   673.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL262          0   0.18953E-03  489658.9 3761987.9   673.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL263          0   0.18953E-03  489660.7 3762121.7   670.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL264          0   0.18953E-03  489787.5 3762052.2   677.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL265          0   0.18953E-03  489789.3 3762187.7   673.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL266          0   0.18953E-03  489660.7 3762255.5   670.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL267          0   0.18953E-03  489674.6 3762389.3   661.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL268          0   0.18953E-03  489702.4 3762444.9   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL269          0   0.18953E-03  489796.2 3762325.0   669.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL270          0   0.18953E-03  489886.6 3762319.8   672.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL271          0   0.18953E-03  489836.2 3762417.1   661.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL272          0   0.18953E-03  491466.1 3762446.6   677.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL273          0   0.18953E-03  491349.7 3762450.1   685.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL274          0   0.18953E-03  491360.1 3762309.3   687.2     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                    PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.
              URBAN  EMISSION RATE    AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ
   SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 PAREA1          0   0.18241E-06  489684.1 3762510.5   658.6     0.00     101         1.00
 YES   HRDOW           NO
 PAREA2          0   0.18241E-06  491281.7 3762502.6   673.8     0.00       8         1.00
 YES   HRDOW           NO
 PAREA3          0   0.18241E-06  492618.3 3761995.4   687.2     0.00      20         1.00
 YES   HRDOW           NO
 PAREA4          0   0.18241E-06  493401.5 3761582.6   702.2     0.00      17         1.00
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
	VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
	VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
	VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
	VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
	VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 , VOL262 , VOL263 ,
	VOL264 , VOL265 , VOL266 , VOL267 , VOL268 , VOL269 , VOL270 , VOL271 ,
	VOL272 , VOL273 , VOL274 , PAREA1 , PAREA2 , PAREA3 , PAREA4 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
		VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
		VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
		VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
		VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
		VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 ,

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            VOL262      , VOL263      ,

            VOL264      , VOL265      , VOL266      , VOL267      , VOL268      , VOL269      ,
            VOL270      , VOL271      ,

            VOL272      , VOL273      , VOL274      , PAREA1      , PAREA2      , PAREA3      ,
            PAREA4      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:26:36

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL216       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:26:36

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL217       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL218 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL219 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL222 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL223   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
    .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL224   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
    .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
   .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL226 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 10:26:36

PAGE 18
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL227 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

SOURCE ID = VOL228 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL230 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL233 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL234 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL237 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL238 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL239 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                     PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL241       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                     PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL242       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL243 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL248 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL249 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL252 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL253 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL254 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL255   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                      PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL257       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                      PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL258       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL259 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL260 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                      PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL261       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL262 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL264 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL266 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL267 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL268 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                      PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL270       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL271 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 10:26:36

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL272 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                     PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = PAREA3       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                     PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

SOURCE ID = PAREA4 ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);

(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6,
712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,
719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,
723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8,
723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS
INCLUDED IN THE DATA FILE.

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5

```
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.    10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:26:36

                      PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                                  VOL218      , VOL219      , VOL220      ,
                    VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                    VOL226      , VOL227      , VOL228      ,
                    VOL229      , VOL230      , VOL231      , VOL232      , VOL233      ,
                    VOL234      , VOL235      , VOL236      ,
                    VOL237      , VOL238      , VOL239      , VOL240      , VOL241      ,
                    VOL242      , VOL243      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN
                                       MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        0.04249  (16112824)               493409.97
       3761986.39        0.03793  (13100924)
       493417.46   3761972.99        0.03988  (13100924)               493468.31
       3761958.40        0.05005  (16122124)
       493499.84   3761947.37        0.05383  (16122124)               493614.36
       3761892.81        0.05153  (16122624)
       493613.66   3761905.05        0.05072  (16122624)               493614.36
       3761917.12        0.04971  (16122624)
       493614.36   3761927.44        0.04897  (16122624)               493613.31
       3761940.20        0.04816  (16122624)
       493616.46   3761952.10        0.04686  (16122624)               493615.23
       3761961.71        0.04632  (16122624)
```

493614.53 3761973.78 0.04550 (16122624) 493614.01
3761984.98 0.04473 (16122624)
493613.66 3761996.52 0.04386 (16122624) 493614.18
3762007.36 0.04297 (16122624)
493615.76 3762018.56 0.04202 (16122624) 493614.71
3762025.73 0.04157 (16122624)
493614.36 3762035.00 0.04093 (16122624) 493613.13
3762043.74 0.04037 (16122624)
493613.66 3762052.14 0.03976 (16122624) 493613.83
3762061.58 0.03911 (16122624)
493614.18 3762071.55 0.03842 (16122624) 493696.46
3761742.53 0.05764 (13112024)
493707.35 3761768.92 0.04926 (13112024) 493727.98
3761742.80 0.05201 (13112024)
493755.61 3761733.69 0.04891 (13112024) 493750.48
3761720.58 0.05227 (13112024)
493745.92 3761709.48 0.05543 (13112024) 493741.37
3761696.95 0.05918 (13112024)
493738.52 3761681.00 0.06354 (13112024) 493737.38
3761663.91 0.06781 (13112024)
493736.52 3761651.38 0.07142 (13112024) 494418.08
3761416.13 0.03476 (15012024)
494473.73 3761368.11 0.03443 (15012024) 494939.85
3761394.35 0.02785 (15012024)
494686.37 3761403.42 0.03066 (15012024) 494575.98
3761568.60 0.02971 (15012024)
494541.49 3761602.79 0.02951 (15012024) 494822.53
3761435.24 0.02861 (15012024)
494846.18 3761504.63 0.02758 (15012024) 494841.06
3761535.78 0.02726 (15012024)
494837.90 3761553.12 0.02707 (15012024) 494885.61
3761199.09 0.02999 (15012024)
494976.68 3761325.65 0.02802 (15012024) 494985.35
3761366.25 0.02760 (15012024)
495070.90 3761299.23 0.02741 (15012024) 495115.47
3760632.60 0.02796 (14013024)
495069.03 3760685.30 0.02840 (14013024) 495087.55
3760728.31 0.02840 (14013024)
495079.90 3760834.52 0.02843 (14013024) 495202.38
3760883.65 0.02707 (15012024)
495237.63 3760939.31 0.02697 (15012024) 495298.45
3761048.56 0.02649 (15012024)
490844.43 3759375.83 0.01603c (14012924) 490895.79
3759357.70 0.01581c (14012924)
490596.67 3759246.67 0.01594c (14012924) 489103.59
3759859.22 0.01719 (12121324)
488940.48 3759893.26 0.02128 (12121324) 488472.34
3759865.64 0.01728 (13012524)
488432.53 3759884.27 0.01806 (13012524) 488713.15
3759827.76 0.02174 (12121324)
487562.29 3760285.62 0.03518 (13012524) 487809.35
3760420.86 0.03677 (13012524)
487553.10 3761208.24 0.02259 (13012224) 487899.76
3760972.40 0.03015 (13012524)
487983.18 3762301.23 0.04257m (13123124) 487913.66
3762403.25 0.04124m (13123124)
487890.59 3762238.09 0.04102m (13123124) 488190.14
3762513.88 0.04000m (13123124)
488424.39 3762586.51 0.03635m (13123124) 488657.54
3762495.87 0.04106m (13123124)
488908.17 3762583.23 0.05473 (14120324) 489170.26
3762660.77 0.07201 (16010524)
489382.17 3762809.64 0.06684 (16122324) 489294.91
3762783.65 0.06275 (16010524)
489889.72 3762661.22 0.08699 (14123024) 490022.93
3762783.29 0.05283 (16122224)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.02724	(13120924)	491132.33	3762903.51	0.03046	(16122324)
492890.84	3762203.51	0.09705	(12022724)	492961.55	3762258.51	0.05848	(12022724)
493033.99	3762272.60	0.04693	(12022724)	493032.31	3762205.18	0.05911	(12022724)
493087.32	3762215.25	0.04961	(12022724)	493079.94	3762296.41	0.04340	(12022724)
493163.79	3762367.18	0.03618	(12022724)	493068.87	3762510.05	0.02545	(13030724)
493101.07	3762454.71	0.02691	(13030724)	493281.84	3762369.19	0.02709	(13030724)
493351.51	3762095.42	0.03953	(16112824)	493439.48	3762105.84	0.03540	(16122124)
493972.90	3763044.23	0.01883	(13030724)	493957.03	3763184.09	0.01737	(14012424)
493583.55	3763480.45	0.01596	(16030324)	493258.47	3763568.15	0.01542	(16030324)
492895.78	3763485.72	0.01609	(14100224)	493781.01	3761659.05	0.05428	(13112024)
493797.63	3761658.35	0.05030	(13112024)	493831.94	3761631.47	0.04524	(15010624)
493900.20	3761664.01	0.03778	(16030224)	493918.59	3761666.13	0.03710	(16030224)
493929.55	3761662.24	0.03717	(16030224)	493945.82	3761667.90	0.03618	(16030224)
493758.37	3761524.30	0.08533	(13112024)	493961.03	3761672.85	0.03542	(16030224)
493975.18	3761679.57	0.03474	(16030224)	493987.55	3761687.70	0.03400	(16030224)
493998.87	3761697.25	0.03341	(15012024)	494007.71	3761707.51	0.03288	(15012024)
494016.91	3761718.12	0.03234	(15012024)	494024.69	3761730.85	0.03184	(15012024)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10   IN
MICROGRAMS/M**3   **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.09705	ON 12022724: AT (492890.84, 3762203.51, 695.84, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   2 Warning Message(s)
A Total of   388 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   1211   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   1211   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Cons PM25
Mit\15218 Ph4 Cons PM25 Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Cons PM25 Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL216       VOLUME     493474.822  3761589.033      706.010
   LOCATION VOL217       VOLUME     493510.022  3761453.414      684.760
   LOCATION VOL218       VOLUME     493509.704  3761320.588      683.000
   LOCATION VOL219       VOLUME     493476.687  3761226.751      682.640
   LOCATION VOL220       VOLUME     493549.672  3761589.934      700.810
   LOCATION VOL221       VOLUME     493582.688  3761454.392      685.090
   LOCATION VOL222       VOLUME     493605.278  3761341.441      681.760
   LOCATION VOL223       VOLUME     492863.273  3762017.413      699.030
   LOCATION VOL224       VOLUME     492786.814  3762053.905      698.350
   LOCATION VOL225       VOLUME     492865.011  3761878.395      693.610
   LOCATION VOL226       VOLUME     492844.158  3761748.066      688.210
   LOCATION VOL227       VOLUME     492715.567  3761746.329      695.000
   LOCATION VOL228       VOLUME     492788.551  3761881.871      695.460
   LOCATION VOL229       VOLUME     492727.731  3762012.200      697.120
   LOCATION VOL230       VOLUME     492677.337  3762020.888      694.770
   LOCATION VOL231       VOLUME     490908.341  3761767.181      669.840
   LOCATION VOL232       VOLUME     490882.275  3761638.590      673.120
   LOCATION VOL233       VOLUME     490772.799  3761772.395      662.670
   LOCATION VOL234       VOLUME     490743.258  3761661.181      674.600
   LOCATION VOL235       VOLUME     490755.422  3761873.182      658.580
   LOCATION VOL236       VOLUME     490670.274  3761909.674      658.590
   LOCATION VOL237       VOLUME     490635.519  3761775.870      671.160
   LOCATION VOL238       VOLUME     490609.454  3761716.788      675.970
   LOCATION VOL239       VOLUME     490473.912  3761728.952      675.610
   LOCATION VOL240       VOLUME     490334.894  3761732.427      676.460
   LOCATION VOL241       VOLUME     490296.665  3761741.116      675.880
   LOCATION VOL242       VOLUME     490529.519  3761852.330      668.250
   LOCATION VOL243       VOLUME     490392.239  3761866.231      674.000
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   LOCATION VOL244       VOLUME     490538.207  3761902.723      670.080
   LOCATION VOL245       VOLUME     490319.255  3761847.116      674.640
   LOCATION VOL246       VOLUME     490214.992  3761643.803      671.070
   LOCATION VOL247       VOLUME     490069.024  3761690.722      667.180
   LOCATION VOL248       VOLUME     489931.744  3761685.509      660.170
   LOCATION VOL249       VOLUME     490079.450  3761556.918      671.240
   LOCATION VOL250       VOLUME     489942.170  3761551.704      667.860
   LOCATION VOL251       VOLUME     489806.628  3761483.933      667.210
   LOCATION VOL252       VOLUME     489735.382  3761489.147      667.180
   LOCATION VOL253       VOLUME     489980.400  3761824.526      660.890
   LOCATION VOL254       VOLUME     490060.335  3761918.363      666.740
   LOCATION VOL255       VOLUME     490023.843  3761970.494      670.170
   LOCATION VOL256       VOLUME     489914.367  3762024.364      669.860
   LOCATION VOL257       VOLUME     489890.039  3761909.674      663.100
   LOCATION VOL258       VOLUME     489841.383  3761793.247      664.580
   LOCATION VOL259       VOLUME     489705.841  3761786.296      670.830
   LOCATION VOL260       VOLUME     489665.873  3761852.330      667.930
   LOCATION VOL261       VOLUME     489777.087  3761920.100      673.280
   LOCATION VOL262       VOLUME     489658.922  3761987.871      673.090
   LOCATION VOL263       VOLUME     489660.660  3762121.676      670.050
   LOCATION VOL264       VOLUME     489787.513  3762052.167      677.790
   LOCATION VOL265       VOLUME     489789.251  3762187.709      673.550
   LOCATION VOL266       VOLUME     489660.660  3762255.480      670.900
   LOCATION VOL267       VOLUME     489674.562  3762389.284      661.900
   LOCATION VOL268       VOLUME     489702.365  3762444.891      667.840
   LOCATION VOL269       VOLUME     489796.202  3762324.989      669.910
   LOCATION VOL270       VOLUME     489886.563  3762319.775      672.070
   LOCATION VOL271       VOLUME     489836.169  3762417.088      661.320
   LOCATION VOL272       VOLUME     491466.148  3762446.629      677.130
   LOCATION VOL273       VOLUME     491349.721  3762450.104      685.480
   LOCATION VOL274       VOLUME     491360.148  3762309.349      687.200
   LOCATION PAREA1       AREAPOLY   489684.069  3762510.494      658.630
   LOCATION PAREA2       AREAPOLY   491281.737  3762502.631      673.840
   LOCATION PAREA3       AREAPOLY   492618.295  3761995.439      687.180
   LOCATION PAREA4       AREAPOLY   493401.487  3761582.591      702.220
** Source Parameters **
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   SRCPARAM VOL217       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL218       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL219       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL220       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL221       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL222       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL223       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL224       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL225       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL226       0.0001895307     5.000    31.816     1.400
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   SRCPARAM VOL228       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL229       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL230       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL231       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL232       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL233       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL234       0.0001895307     5.000    31.816     1.400
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   SRCPARAM VOL236       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL237       0.0001895307     5.000    31.816     1.400
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   SRCPARAM VOL241       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL242       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL243       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL244       0.0001895307     5.000    31.816     1.400
   SRCPARAM VOL245       0.0001895307     5.000    31.816     1.400
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SRCPARAM VOL246       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL247       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL248       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL249       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL250       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL251       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL252       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL253       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL254       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL255       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL256       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL257       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL258       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL259       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL260       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL261       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL262       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL263       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL264       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL265       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL266       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL267       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL268       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL269       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL270       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL271       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL272       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL273       0.0001895307     5.000    31.816     1.400
SRCPARAM VOL274       0.0001895307     5.000    31.816     1.400
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AREAVERT PAREA1       489684.069 3762510.494 489775.275 3762477.471
AREAVERT PAREA1       489824.023 3762477.471 489957.686 3762331.228
AREAVERT PAREA1       489924.663 3762293.488 489902.648 3762274.618
AREAVERT PAREA1       489877.488 3762227.443 489844.465 3762161.397
AREAVERT PAREA1       489838.175 3762112.650 489836.603 3762092.207
AREAVERT PAREA1       489888.495 3762082.772 490085.059 3762037.169
AREAVERT PAREA1       490089.776 3762012.009 490102.356 3761994.712
AREAVERT PAREA1       490124.371 3761974.269 490042.601 3761783.996
AREAVERT PAREA1       490242.309 3761697.508 490278.477 3761826.453
AREAVERT PAREA1       490313.072 3761876.773 490346.095 3761912.941
AREAVERT PAREA1       490404.278 3761930.239 490525.361 3761936.529
AREAVERT PAREA1       490611.849 3761944.391 490677.894 3761958.544
AREAVERT PAREA1       490714.062 3761971.124 490780.107 3761883.064
AREAVERT PAREA1       490832.000 3761853.186 490879.175 3761818.591
AREAVERT PAREA1       490964.090 3761795.003 490924.777 3761585.860
AREAVERT PAREA1       490720.352 3761653.477 490643.299 3761672.348
AREAVERT PAREA1       490506.491 3761684.928 490294.202 3761691.218
AREAVERT PAREA1       490287.912 3761648.760 490270.615 3761628.317
AREAVERT PAREA1       490226.584 3761611.020 490190.417 3761581.142
AREAVERT PAREA1       490133.806 3761548.119 490069.334 3761522.959
AREAVERT PAREA1       489985.991 3761516.669 489902.648 3761504.089
AREAVERT PAREA1       489877.488 3761485.219 489841.320 3761419.174
AREAVERT PAREA1       489824.023 3761422.319 489737.535 3761438.044
AREAVERT PAREA1       489709.229 3761453.769 489690.359 3761491.509
AREAVERT PAREA1       489671.489 3761515.097 489691.932 3761543.402
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AREAVERT PAREA1       489871.198 3761541.829 489877.488 3761529.249
AREAVERT PAREA1       489918.373 3761529.249 490045.746 3761538.684
AREAVERT PAREA1       490105.501 3761551.265 490146.386 3761568.562
AREAVERT PAREA1       490180.982 3761600.012 490218.722 3761622.027
AREAVERT PAREA1       490269.042 3761645.615 490267.470 3761678.638
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AREAVERT PAREA1       490037.883 3761650.332 490001.716 3761647.187
AREAVERT PAREA1       489927.808 3761666.058 489965.548 3761714.805
AREAVERT PAREA1       489992.281 3761746.255 489992.281 3761768.270
AREAVERT PAREA1       489978.128 3761790.286 489948.251 3761804.438
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   AREAVERT PAREA1       489910.510 3761798.148 489890.068 3761771.416
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   AREAVERT PAREA1       489833.458 3761730.530 489809.870 3761727.385
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   AREAVERT PAREA1       489663.627 3761776.133 489621.169 3761809.156
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   AREAVERT PAREA1       489629.032 3761867.338 489635.322 3761879.918
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   AREAVERT PAREA1       489588.146 3761947.536 489592.864 3762112.650
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   AREAVERT PAREA1       489596.009 3762290.343 489627.459 3762332.801
   AREAVERT PAREA1       489633.749 3762362.678 489633.749 3762405.136
   AREAVERT PAREA1       489613.307 3762439.731
   SRCPARAM PAREA2       5.0959E-08     0.000         8     1.000
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   AREAVERT PAREA2       491530.193 3762499.486 491545.918 3762384.693
   AREAVERT PAREA2       491459.430 3762365.823 491410.682 3762317.075
   AREAVERT PAREA2       491347.782 3762247.885 491311.614 3762235.305
   SRCPARAM PAREA3       5.0959E-08     0.000        20     1.000
   AREAVERT PAREA3       492618.295 3761995.439 492621.704 3762028.387
   AREAVERT PAREA3       492656.924 3762063.608 492708.051 3762043.157
   AREAVERT PAREA3       492734.183 3762074.969 492717.140 3762096.556
   AREAVERT PAREA3       492751.225 3762114.734 492785.310 3762119.279
   AREAVERT PAREA3       492814.849 3762094.284 492896.652 3762079.514
   AREAVERT PAREA3       492928.465 3762059.063 492934.145 3761880.687
   AREAVERT PAREA3       492912.558 3761845.467 492911.422 3761688.678
   AREAVERT PAREA3       492894.380 3761672.772 492853.479 3761686.405
   AREAVERT PAREA3       492776.220 3761679.589 492636.474 3761677.316
   AREAVERT PAREA3       492763.723 3761887.504 492611.478 3761967.035
   SRCPARAM PAREA4       5.0959E-08     0.000        17     1.000
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   AREAVERT PAREA4       493508.289 3761654.171 493538.967 3761657.579
   AREAVERT PAREA4       493575.325 3761658.716 493582.142 3761606.451
   AREAVERT PAREA4       493607.138 3761506.465 493670.765 3761349.671
   AREAVERT PAREA4       493596.913 3761307.631 493513.970 3761241.732
   AREAVERT PAREA4       493449.207 3761184.922 493411.713 3761155.381
   AREAVERT PAREA4       493413.985 3761269.001 493442.390 3761307.631
   AREAVERT PAREA4       493442.390 3761521.236 493438.982 3761545.096
   AREAVERT PAREA4       493429.892 3761565.548
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL216       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL216       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL217       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL217       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL218       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL218       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL219       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL219       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL220       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL220       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL221       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL221       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL222       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL222       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL223       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL223       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL224       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL224       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL225       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL225       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL226       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL226       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL227       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL227       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL228       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL228       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL229       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL229       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL230       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL230       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL231       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL231       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL232       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL232       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL233       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL233       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL234       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL234       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL235       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL235       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL237       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL237       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL238       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL238       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL239       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL239       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL240       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL240       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL241       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL241       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL242       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL242       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL243       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL243       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL244       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL244       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL245       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL245       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL246       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL246       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL247       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL247       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL248       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL248       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL249       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL249       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL250       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL250       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL251       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL251       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL252       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL252       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL253       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL253       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL254       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL254       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL255       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL255       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL256       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL256       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL257       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL257       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL258       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL258       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL259       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL259       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL260       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL260       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL261       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL261       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL262       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL262       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL263       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL263       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL264       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL264       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL265       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL265       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL266       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL266       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL267       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL267       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL268       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL268       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL269       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL269       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL270       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL270       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL271       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL271       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL272       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL272       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL273       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL273       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL274       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL274       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA3       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA3       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Cons PM25 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH4 CONS PM25 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph4 Cons PM25 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1211       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1211       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:50:07
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 63 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Accepts FLAGPOLE Receptor . Heights.
* The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 63 Source(s); 1 Source Group(s); and 114 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 59 VOLUME source(s)
and: 4 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File:

aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph4 Cons PM25
Mit.err
**File for Summary of Results: 15218 Ph4 Cons PM25
Mit.sum

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL216	0	0.18953E-03	493474.8	3761589.0	706.0	5.00	31.82	1.40	YES HRDOW
VOL217	0	0.18953E-03	493510.0	3761453.4	684.8	5.00	31.82	1.40	YES HRDOW
VOL218	0	0.18953E-03	493509.7	3761320.6	683.0	5.00	31.82	1.40	YES HRDOW
VOL219	0	0.18953E-03	493476.7	3761226.8	682.6	5.00	31.82	1.40	YES HRDOW
VOL220	0	0.18953E-03	493549.7	3761589.9	700.8	5.00	31.82	1.40	YES HRDOW
VOL221	0	0.18953E-03	493582.7	3761454.4	685.1	5.00	31.82	1.40	YES HRDOW
VOL222	0	0.18953E-03	493605.3	3761341.4	681.8	5.00	31.82	1.40	YES HRDOW
VOL223	0	0.18953E-03	492863.3	3762017.4	699.0	5.00	31.82	1.40	YES HRDOW
VOL224	0	0.18953E-03	492786.8	3762053.9	698.3	5.00	31.82	1.40	YES HRDOW
VOL225	0	0.18953E-03	492865.0	3761878.4	693.6	5.00	31.82	1.40	YES HRDOW
VOL226	0	0.18953E-03	492844.2	3761748.1	688.2	5.00	31.82	1.40	YES HRDOW
VOL227	0	0.18953E-03	492715.6	3761746.3	695.0	5.00	31.82	1.40	YES HRDOW
VOL228	0	0.18953E-03	492788.6	3761881.9	695.5	5.00	31.82	1.40	YES HRDOW
VOL229	0	0.18953E-03	492727.7	3762012.2	697.1	5.00	31.82	1.40	YES HRDOW
VOL230	0	0.18953E-03	492677.3	3762020.9	694.8	5.00	31.82	1.40	YES HRDOW
VOL231	0	0.18953E-03	490908.3	3761767.2	669.8	5.00	31.82	1.40	YES HRDOW
VOL232	0	0.18953E-03	490882.3	3761638.6	673.1	5.00	31.82	1.40	YES HRDOW
VOL233	0	0.18953E-03	490772.8	3761772.4	662.7	5.00	31.82	1.40	YES HRDOW
VOL234	0	0.18953E-03	490743.3	3761661.2	674.6	5.00	31.82	1.40	YES HRDOW

VOL235 0 0.18953E-03 490755.4 3761873.2 658.6 5.00 31.82 1.40
YES HRDOW NO
VOL236 0 0.18953E-03 490670.3 3761909.7 658.6 5.00 31.82 1.40
YES HRDOW NO
VOL237 0 0.18953E-03 490635.5 3761775.9 671.2 5.00 31.82 1.40
YES HRDOW NO
VOL238 0 0.18953E-03 490609.5 3761716.8 676.0 5.00 31.82 1.40
YES HRDOW NO
VOL239 0 0.18953E-03 490473.9 3761729.0 675.6 5.00 31.82 1.40
YES HRDOW NO
VOL240 0 0.18953E-03 490334.9 3761732.4 676.5 5.00 31.82 1.40
YES HRDOW NO
VOL241 0 0.18953E-03 490296.7 3761741.1 675.9 5.00 31.82 1.40
YES HRDOW NO
VOL242 0 0.18953E-03 490529.5 3761852.3 668.2 5.00 31.82 1.40
YES HRDOW NO
VOL243 0 0.18953E-03 490392.2 3761866.2 674.0 5.00 31.82 1.40
YES HRDOW NO
VOL244 0 0.18953E-03 490538.2 3761902.7 670.1 5.00 31.82 1.40
YES HRDOW NO
VOL245 0 0.18953E-03 490319.3 3761847.1 674.6 5.00 31.82 1.40
YES HRDOW NO
VOL246 0 0.18953E-03 490215.0 3761643.8 671.1 5.00 31.82 1.40
YES HRDOW NO
VOL247 0 0.18953E-03 490069.0 3761690.7 667.2 5.00 31.82 1.40
YES HRDOW NO
VOL248 0 0.18953E-03 489931.7 3761685.5 660.2 5.00 31.82 1.40
YES HRDOW NO
VOL249 0 0.18953E-03 490079.5 3761556.9 671.2 5.00 31.82 1.40
YES HRDOW NO
VOL250 0 0.18953E-03 489942.2 3761551.7 667.9 5.00 31.82 1.40
YES HRDOW NO
VOL251 0 0.18953E-03 489806.6 3761483.9 667.2 5.00 31.82 1.40
YES HRDOW NO
VOL252 0 0.18953E-03 489735.4 3761489.1 667.2 5.00 31.82 1.40
YES HRDOW NO
VOL253 0 0.18953E-03 489980.4 3761824.5 660.9 5.00 31.82 1.40
YES HRDOW NO
VOL254 0 0.18953E-03 490060.3 3761918.4 666.7 5.00 31.82 1.40
YES HRDOW NO
VOL255 0 0.18953E-03 490023.8 3761970.5 670.2 5.00 31.82 1.40
YES HRDOW NO
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 09:50:07

PAGE 3
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL256	0	0.18953E-03		489914.4	3762024.4	669.9	5.00	31.82	1.40
YES HRDOW		NO							
VOL257	0	0.18953E-03		489890.0	3761909.7	663.1	5.00	31.82	1.40
YES HRDOW		NO							

```
 VOL258          0   0.18953E-03  489841.4 3761793.2   664.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL259          0   0.18953E-03  489705.8 3761786.3   670.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL260          0   0.18953E-03  489665.9 3761852.3   667.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL261          0   0.18953E-03  489777.1 3761920.1   673.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL262          0   0.18953E-03  489658.9 3761987.9   673.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL263          0   0.18953E-03  489660.7 3762121.7   670.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL264          0   0.18953E-03  489787.5 3762052.2   677.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL265          0   0.18953E-03  489789.3 3762187.7   673.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL266          0   0.18953E-03  489660.7 3762255.5   670.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL267          0   0.18953E-03  489674.6 3762389.3   661.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL268          0   0.18953E-03  489702.4 3762444.9   667.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL269          0   0.18953E-03  489796.2 3762325.0   669.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL270          0   0.18953E-03  489886.6 3762319.8   672.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL271          0   0.18953E-03  489836.2 3762417.1   661.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL272          0   0.18953E-03  491466.1 3762446.6   677.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL273          0   0.18953E-03  491349.7 3762450.1   685.5     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL274          0   0.18953E-03  491360.1 3762309.3   687.2     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:50:07

                    PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.
              URBAN  EMISSION RATE    AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ
   SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 PAREA1          0   0.50959E-07  489684.1 3762510.5   658.6     0.00     101         1.00
 YES   HRDOW           NO
 PAREA2          0   0.50959E-07  491281.7 3762502.6   673.8     0.00       8         1.00
 YES   HRDOW           NO
 PAREA3          0   0.50959E-07  492618.3 3761995.4   687.2     0.00      20         1.00
 YES   HRDOW           NO
 PAREA4          0   0.50959E-07  493401.5 3761582.6   702.2     0.00      17         1.00
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:50:07
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
	VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
	VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
	VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
	VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
	VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 , VOL262 , VOL263 ,
	VOL264 , VOL265 , VOL266 , VOL267 , VOL268 , VOL269 , VOL270 , VOL271 ,
	VOL272 , VOL273 , VOL274 , PAREA1 , PAREA2 , PAREA3 , PAREA4 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 , VOL222 , VOL223 ,
		VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 , VOL230 , VOL231 ,
		VOL232 , VOL233 , VOL234 , VOL235 , VOL236 , VOL237 , VOL238 , VOL239 ,
		VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 , VOL247 ,
		VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 , VOL255 ,
		VOL256 , VOL257 , VOL258 , VOL259 , VOL260 , VOL261 ,

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            VOL262      , VOL263      ,

            VOL264      , VOL265      , VOL266      , VOL267      , VOL268      , VOL269      ,
            VOL270      , VOL271      ,

            VOL272      , VOL273      , VOL274      , PAREA1      , PAREA2      , PAREA3      ,
            PAREA4      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                      PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL216       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL217       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL218       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                      PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL219       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL222 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL223 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL224 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

```
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                      PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL225       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                      PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL226       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL227       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                     PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL228       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                      PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL229       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL230 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL233 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL234 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL237 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL238 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL239 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL241 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL243 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL244 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:50:07

                     PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL245       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:50:07
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 09:50:07

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL248 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL249 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL252 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL253 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL254 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL255   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL257 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL259 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL260 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:50:07

                      PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL261       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL262 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL263 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL264 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL266 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL267 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL268 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

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  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:50:07

                      PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL270       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:50:07
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL271 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL272 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 09:50:07

PAGE 66

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                     PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = PAREA3       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                     PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

SOURCE ID = PAREA4 ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);

(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6,
712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,
719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,
723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8,
723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS
INCLUDED IN THE DATA FILE.

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5

```
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.    10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:50:07

                      PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL216      , VOL217      ,
                                  VOL218      , VOL219      , VOL220      ,
                    VOL221      , VOL222      , VOL223      , VOL224      , VOL225      ,
                    VOL226      , VOL227      , VOL228      ,
                    VOL229      , VOL230      , VOL231      , VOL232      , VOL233      ,
                    VOL234      , VOL235      , VOL236      ,
                    VOL237      , VOL238      , VOL239      , VOL240      , VOL241      ,
                    VOL242      , VOL243      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN
                                        MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
        493343.85   3762037.28        0.01315  (16112824)               493409.97
        3761986.39        0.01214  (13100924)
        493417.46   3761972.99        0.01276  (13100924)               493468.31
        3761958.40        0.01549  (16122124)
        493499.84   3761947.37        0.01662  (16122124)               493614.36
        3761892.81        0.01546  (16122624)
        493613.66   3761905.05        0.01520  (16122624)               493614.36
        3761917.12        0.01489  (16122624)
        493614.36   3761927.44        0.01466  (16122624)               493613.31
        3761940.20        0.01440  (16122624)
        493616.46   3761952.10        0.01402  (16122624)               493615.23
        3761961.71        0.01385  (16122624)
```

493614.53 3761973.78 0.01361 (16122624) 493614.01
3761984.98 0.01337 (16122624)
493613.66 3761996.52 0.01311 (16122624) 493614.18
3762007.36 0.01285 (16122624)
493615.76 3762018.56 0.01257 (16122624) 493614.71
3762025.73 0.01244 (16122624)
493614.36 3762035.00 0.01225 (16122624) 493613.13
3762043.74 0.01208 (16122624)
493613.66 3762052.14 0.01190 (16122624) 493613.83
3762061.58 0.01171 (16122624)
493614.18 3762071.55 0.01151 (16122624) 493696.46
3761742.53 0.01847 (12022724)
493707.35 3761768.92 0.01637 (12022724) 493727.98
3761742.80 0.01651 (13112024)
493755.61 3761733.69 0.01553 (13112024) 493750.48
3761720.58 0.01658 (13112024)
493745.92 3761709.48 0.01758 (13112024) 493741.37
3761696.95 0.01876 (13112024)
493738.52 3761681.00 0.02013 (13112024) 493737.38
3761663.91 0.02147 (13112024)
493736.52 3761651.38 0.02259 (13112024) 494418.08
3761416.13 0.01030 (15012024)
494473.73 3761368.11 0.01020 (15012024) 494939.85
3761394.35 0.00822 (15012024)
494686.37 3761403.42 0.00906 (15012024) 494575.98
3761568.60 0.00878 (15012024)
494541.49 3761602.79 0.00872 (15012024) 494822.53
3761435.24 0.00845 (15012024)
494846.18 3761504.63 0.00814 (15012024) 494841.06
3761535.78 0.00804 (15012024)
494837.90 3761553.12 0.00799 (15012024) 494885.61
3761199.09 0.00887 (15012024)
494976.68 3761325.65 0.00827 (15012024) 494985.35
3761366.25 0.00814 (15012024)
495070.90 3761299.23 0.00809 (15012024) 495115.47
3760632.60 0.00838 (14013024)
495069.03 3760685.30 0.00852 (14013024) 495087.55
3760728.31 0.00852 (14013024)
495079.90 3760834.52 0.00854 (14013024) 495202.38
3760883.65 0.00807 (14013024)
495237.63 3760939.31 0.00800 (15012024) 495298.45
3761048.56 0.00783 (15012024)
490844.43 3759375.83 0.00471c (14012924) 490895.79
3759357.70 0.00465c (14012924)
490596.67 3759246.67 0.00468c (14012924) 489103.59
3759859.22 0.00518 (12121324)
488940.48 3759893.26 0.00631 (12121324) 488472.34
3759865.64 0.00543 (13012524)
488432.53 3759884.27 0.00566 (13012524) 488713.15
3759827.76 0.00640 (12121324)
487562.29 3760285.62 0.01046 (13012524) 487809.35
3760420.86 0.01096 (13012524)
487553.10 3761208.24 0.00656 (15122224) 487899.76
3760972.40 0.00904 (13012524)
487983.18 3762301.23 0.01228m (13123124) 487913.66
3762403.25 0.01189m (13123124)
487890.59 3762238.09 0.01183m (13123124) 488190.14
3762513.88 0.01159m (13123124)
488424.39 3762586.51 0.01061m (13123124) 488657.54
3762495.87 0.01202m (13123124)
488908.17 3762583.23 0.01662 (14120324) 489170.26
3762660.77 0.02271 (16010524)
489382.17 3762809.64 0.02097 (16122324) 489294.91
3762783.65 0.01988 (16010524)
489889.72 3762661.22 0.02673 (14123024) 490022.93
3762783.29 0.01632 (16122224)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL216 , VOL217 , VOL218 , VOL219 , VOL220 ,
VOL221 , VOL222 , VOL223 , VOL224 , VOL225 ,
VOL226 , VOL227 , VOL228 ,
VOL229 , VOL230 , VOL231 , VOL232 , VOL233 ,
VOL234 , VOL235 , VOL236 ,
VOL237 , VOL238 , VOL239 , VOL240 , VOL241 ,
VOL242 , VOL243 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.00844	(13120924)	491132.33	3762903.51	0.00933	(16122324)
492890.84	3762203.51	0.03235	(12022724)	492961.55	3762258.51	0.01963	(12022724)
493033.99	3762272.60	0.01578	(12022724)	493032.31	3762205.18	0.01954	(12022724)
493087.32	3762215.25	0.01619	(12022724)	493079.94	3762296.41	0.01440	(12022724)
493163.79	3762367.18	0.01174	(12022724)	493068.87	3762510.05	0.00802	(14012424)
493101.07	3762454.71	0.00881	(12022724)	493281.84	3762369.19	0.00869	(12022724)
493351.51	3762095.42	0.01228	(16112824)	493439.48	3762105.84	0.01106	(16122124)
493972.90	3763044.23	0.00555	(13030724)	493957.03	3763184.09	0.00542	(14012424)
493583.55	3763480.45	0.00500	(14012424)	493258.47	3763568.15	0.00453	(16030324)
492895.78	3763485.72	0.00472	(14100224)	493781.01	3761659.05	0.01721	(13112024)
493797.63	3761658.35	0.01596	(13112024)	493831.94	3761631.47	0.01427	(13112024)
493900.20	3761664.01	0.01148	(16030224)	493918.59	3761666.13	0.01126	(16030224)
493929.55	3761662.24	0.01128	(16030224)	493945.82	3761667.90	0.01096	(16030224)
493758.37	3761524.30	0.02728	(12042324)	493961.03	3761672.85	0.01072	(16030224)
493975.18	3761679.57	0.01051	(16030224)	493987.55	3761687.70	0.01027	(16030224)
493998.87	3761697.25	0.01005	(16030224)	494007.71	3761707.51	0.00986	(15012024)
494016.91	3761718.12	0.00970	(15012024)	494024.69	3761730.85	0.00954	(15012024)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5   IN
MICROGRAMS/M**3   **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.03235	ON 12022724: AT (492890.84, 3762203.51, 695.84, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   2 Warning Message(s)
A Total of   388 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   1211   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   1211   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Cons CO
Mit\15218 Ph5 Cons CO Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Cons CO Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL236       VOLUME     490631.865  3762017.220      668.870
   LOCATION VOL275       VOLUME     490713.350  3762364.114      650.330
   LOCATION VOL276       VOLUME     490624.549  3762230.914      650.900
   LOCATION VOL277       VOLUME     490759.600  3762230.914      672.270
   LOCATION VOL278       VOLUME     490491.349  3762160.613      649.370
   LOCATION VOL279       VOLUME     490622.699  3762097.713      672.320
   LOCATION VOL280       VOLUME     490757.750  3762095.863      659.070
   LOCATION VOL281       VOLUME     490889.100  3762097.713      651.850
   LOCATION VOL282       VOLUME     490491.349  3762027.413      667.150
   LOCATION VOL283       VOLUME     490764.536  3762011.432      650.000
   LOCATION VOL284       VOLUME     490900.249  3761957.659      662.000
   LOCATION VOL285       VOLUME     490854.158  3761893.644      668.070
   LOCATION VOL286       VOLUME     491030.840  3761955.098      665.330
   LOCATION VOL287       VOLUME     490987.310  3761868.038      657.040
   LOCATION VOL288       VOLUME     491161.431  3761898.765      667.260
   LOCATION VOL289       VOLUME     491292.023  3761916.689      663.600
   LOCATION VOL290       VOLUME     491020.598  3761732.325      671.440
   LOCATION VOL291       VOLUME     490994.991  3761632.461      670.660
   LOCATION VOL292       VOLUME     491125.583  3761627.340      671.400
   LOCATION VOL293       VOLUME     491120.462  3761824.507      668.400
   LOCATION VOL294       VOLUME     491153.750  3761760.492      670.050
   LOCATION VOL295       VOLUME     491256.174  3761624.779      681.760
   LOCATION VOL296       VOLUME     491284.341  3761757.931      675.940
   LOCATION VOL297       VOLUME     491348.356  3761514.673      659.870
   LOCATION VOL298       VOLUME     491484.069  3761550.521      656.410
   LOCATION VOL299       VOLUME     491617.221  3761627.340      651.700
   LOCATION VOL300       VOLUME     490362.520  3762072.887      667.920
   LOCATION VOL301       VOLUME     490359.959  3761990.947      671.000
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   LOCATION VOL302       VOLUME     490231.928  3761983.265      671.200
   LOCATION VOL303       VOLUME     490229.368  3761875.719      672.750
   LOCATION VOL304       VOLUME     490203.762  3761760.492      674.310
   LOCATION VOL305       VOLUME     490109.019  3761801.462      671.630
   LOCATION VOL306       VOLUME     490132.064  3761916.689      669.570
   LOCATION VOL307       VOLUME     490321.550  3761604.294      679.580
   LOCATION VOL308       VOLUME     490452.141  3761606.855      678.140
   LOCATION VOL309       VOLUME     492633.785  3761896.204      692.130
   LOCATION VOL310       VOLUME     492533.921  3761806.583      685.900
   LOCATION VOL311       VOLUME     492544.163  3761729.764      689.590
   LOCATION VOL312       VOLUME     492633.785  3761755.371      694.170
   LOCATION VOL313       VOLUME     492708.042  3761891.083      694.700
** Source Parameters **
   SRCPARAM VOL236       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL275       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL276       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL277       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL278       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL279       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL280       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL281       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL282       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL283       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL284       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL285       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL286       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL287       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL288       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL289       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL290       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL291       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL292       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL293       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL294       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL295       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL296       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL297       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL298       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL299       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL300       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL301       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL302       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL303       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL304       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL305       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL306       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL307       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL308       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL309       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL310       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL311       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL312       0.0744174982     5.000    31.816     1.400
   SRCPARAM VOL313       0.0744174982     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL275       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL276       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL277       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL278       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL279       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL280       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL281       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL282       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL283       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL284       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL285       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL286       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL287       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL288       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL289       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL290       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL291       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL292       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL293       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL294       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL295       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL296       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL297       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL298       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL299       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL300       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL301       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL302       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL303       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL304       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL305       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL306       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL307       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL308       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL309       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL310       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL311       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL312       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL313       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
```

```
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Cons CO Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH5 CONS CO MIT.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH5 CONS CO MIT.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph5 Cons CO Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     746       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     746       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:10:24

                      PAGE   1
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```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for    40 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: CO

**Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

**This Run Includes:     40 Source(s);       1 Source Group(s); and     114 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:     40 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing
                                                                Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate
                 Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.6 MB of RAM.

**Input Runstream File:
aermod.inp
```

**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph5 Cons CO
Mit.err
**File for Summary of Results: 15218 Ph5 Cons CO
Mit.sum
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 14:10:24

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL236	0	0.74417E-01	490631.9	3762017.2	668.9	5.00	31.82	1.40
YES	HRDOW	NO						
VOL275	0	0.74417E-01	490713.3	3762364.1	650.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL276	0	0.74417E-01	490624.5	3762230.9	650.9	5.00	31.82	1.40
YES	HRDOW	NO						
VOL277	0	0.74417E-01	490759.6	3762230.9	672.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL278	0	0.74417E-01	490491.3	3762160.6	649.4	5.00	31.82	1.40
YES	HRDOW	NO						
VOL279	0	0.74417E-01	490622.7	3762097.7	672.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL280	0	0.74417E-01	490757.8	3762095.9	659.1	5.00	31.82	1.40
YES	HRDOW	NO						
VOL281	0	0.74417E-01	490889.1	3762097.7	651.8	5.00	31.82	1.40
YES	HRDOW	NO						
VOL282	0	0.74417E-01	490491.3	3762027.4	667.1	5.00	31.82	1.40
YES	HRDOW	NO						
VOL283	0	0.74417E-01	490764.5	3762011.4	650.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL284	0	0.74417E-01	490900.2	3761957.7	662.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL285	0	0.74417E-01	490854.2	3761893.6	668.1	5.00	31.82	1.40
YES	HRDOW	NO						
VOL286	0	0.74417E-01	491030.8	3761955.1	665.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL287	0	0.74417E-01	490987.3	3761868.0	657.0	5.00	31.82	1.40
YES	HRDOW	NO						
VOL288	0	0.74417E-01	491161.4	3761898.8	667.3	5.00	31.82	1.40
YES	HRDOW	NO						
VOL289	0	0.74417E-01	491292.0	3761916.7	663.6	5.00	31.82	1.40
YES	HRDOW	NO						
VOL290	0	0.74417E-01	491020.6	3761732.3	671.4	5.00	31.82	1.40
YES	HRDOW	NO						
VOL291	0	0.74417E-01	490995.0	3761632.5	670.7	5.00	31.82	1.40
YES	HRDOW	NO						
VOL292	0	0.74417E-01	491125.6	3761627.3	671.4	5.00	31.82	1.40
YES	HRDOW	NO						
VOL293	0	0.74417E-01	491120.5	3761824.5	668.4	5.00	31.82	1.40

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 YES   HRDOW            NO
 VOL294          0   0.74417E-01  491153.8 3761760.5   670.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL295          0   0.74417E-01  491256.2 3761624.8   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL296          0   0.74417E-01  491284.3 3761757.9   675.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL297          0   0.74417E-01  491348.4 3761514.7   659.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL298          0   0.74417E-01  491484.1 3761550.5   656.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL299          0   0.74417E-01  491617.2 3761627.3   651.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL300          0   0.74417E-01  490362.5 3762072.9   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL301          0   0.74417E-01  490360.0 3761990.9   671.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL302          0   0.74417E-01  490231.9 3761983.3   671.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL303          0   0.74417E-01  490229.4 3761875.7   672.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL304          0   0.74417E-01  490203.8 3761760.5   674.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL305          0   0.74417E-01  490109.0 3761801.5   671.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL306          0   0.74417E-01  490132.1 3761916.7   669.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL307          0   0.74417E-01  490321.5 3761604.3   679.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL308          0   0.74417E-01  490452.1 3761606.9   678.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL309          0   0.74417E-01  492633.8 3761896.2   692.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL310          0   0.74417E-01  492533.9 3761806.6   685.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL311          0   0.74417E-01  492544.2 3761729.8   689.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL312          0   0.74417E-01  492633.8 3761755.4   694.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL313          0   0.74417E-01  492708.0 3761891.1   694.7     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:10:24

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL236      , VOL275      , VOL276      , VOL277      , VOL278      , VOL279      ,
  VOL280      , VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL236 , VOL275 , VOL276 , VOL277 , VOL278 , VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 , VOL285 , VOL286 , VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 , VOL293 , VOL294 , VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 , VOL301 , VOL302 , VOL303 , VOL304 , VOL305 , VOL306 , VOL307 , VOL308 , VOL309 , VOL310 , VOL311 , VOL312 , VOL313 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL275 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL276 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL277 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL278 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL279 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL280 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL282 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL283 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:10:24

                     PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL284       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:10:24

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL285       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL286 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL289 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 14:10:24

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL290 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

```
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:10:24

                      PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL291       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:10:24

                      PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL292       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
```

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL293 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL294 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:10:24

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL295       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:10:24

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL296 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL297 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL298   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:10:24

                      PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL300       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:10:24

                      PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL301       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL302 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL303 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00						

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL304 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL305 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL306 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL307 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL308 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL309 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL311 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       14:10:24

                      PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL313       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       14:10:24
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);

(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS
 WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
 12 01 01   1 01  -10.6  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 110.    9.1  285.4    5.5
 12 01 01   1 02   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 130.    9.1  284.5    5.5
 12 01 01   1 03   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 100.    9.1  285.0    5.5
 12 01 01   1 04   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 107.    9.1  284.6    5.5
 12 01 01   1 05  -10.7  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 98.    9.1  284.9    5.5
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:10:24

                    PAGE  49
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	4.21718	(13010916)	493409.97	3761986.39	4.16904	(13010916)
493417.46	3761972.99	4.13373	(13010916)	493468.31	3761958.40	3.80344	(13010916)
493499.84	3761947.37	3.59091	(13010916)	493614.36	3761892.81	3.26610	(15121016)
493613.66	3761905.05	3.13111	(15121016)	493614.36	3761917.12	3.10234	(16101209)
493614.36	3761927.44	3.10808	(16101209)	493613.31	3761940.20	3.11252	(16101209)
493616.46	3761952.10	3.10531	(16101209)	493615.23	3761961.71	3.12518	(13010916)
493614.53	3761973.78	3.17051	(13010916)	493614.01	3761984.98	3.20260	(13010916)
493613.66	3761996.52	3.22565	(13010916)	493614.18	3762007.36	3.23555	(13010916)
493615.76	3762018.56	3.23376	(13010916)	493614.71	3762025.73	3.23482	(13010916)
493614.36	3762035.00	3.22776	(13010916)	493613.13	3762043.74	3.21859	(13010916)
493613.66	3762052.14	3.20041	(13010916)	493613.83	3762061.58	3.17650	(13010916)
493614.18	3762071.55	3.14590	(13010916)	493696.46	3761742.53	3.74597	(15121016)
493707.35	3761768.92	3.69986	(15121016)	493727.98	3761742.80	3.65615	(15121016)
493755.61	3761733.69	3.57178	(15121016)	493750.48	3761720.58	3.56056	(15121016)
493745.92	3761709.48	3.54143	(15121016)	493741.37	3761696.95	3.50774	(15121016)
493738.52	3761681.00	3.44366	(15121016)	493737.38	3761663.91	3.35566	(15121016)
493736.52	3761651.38	3.27998	(15121016)	494418.08	3761416.13	2.48122	(16121514)
494473.73	3761368.11	2.68685	(12121716)	494939.85	3761394.35	2.19168	(16121514)
494686.37	3761403.42	2.33178	(16121514)	494575.98	3761568.60	2.19573	(16121514)
494541.49	3761602.79	2.15605	(16121514)	494822.53	3761435.24	2.22423	(16121514)
494846.18	3761504.63	2.12342	(16121514)	494841.06	3761535.78	2.07943	(16121514)
494837.90	3761553.12	2.05313	(16121514)	494885.61	3761199.09	2.62727	(12121716)

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       494976.68   3761325.65        2.22227  (16121514)               494985.35
       3761366.25        2.19204  (16121514)
       495070.90   3761299.23        2.18194  (16121514)               495115.47
       3760632.60        4.44860  (12121716)
       495069.03   3760685.30        4.46817  (12121716)               495087.55
       3760728.31        4.39079  (12121716)
       495079.90   3760834.52        4.10065  (12121716)               495202.38
       3760883.65        3.67198  (12121716)
       495237.63   3760939.31        3.30647  (12121716)               495298.45
       3761048.56        2.52802  (12121716)
       490844.43   3759375.83        1.75172  (14021809)               490895.79
       3759357.70        1.76579  (14021809)
       490596.67   3759246.67        2.28772  (13112916)               489103.59
       3759859.22        3.34385  (12021516)
       488940.48   3759893.26        3.50983  (12021516)               488472.34
       3759865.64        2.55027  (12021516)
       488432.53   3759884.27        2.35586  (12021516)               488713.15
       3759827.76        3.25421  (12021516)
       487562.29   3760285.62        1.45477  (15122215)               487809.35
       3760420.86        1.53018  (15122215)
       487553.10   3761208.24        1.73139  (15122213)               487899.76
       3760972.40        1.81736  (14120216)
       487983.18   3762301.23        3.91972  (16123016)               487913.66
       3762403.25        3.66898  (16123016)
       487890.59   3762238.09        3.73716  (16123016)               488190.14
       3762513.88        3.38607  (16123016)
       488424.39   3762586.51        2.90470  (16123016)               488657.54
       3762495.87        3.72517  (16123016)
       488908.17   3762583.23        4.47781  (14120316)               489170.26
       3762660.77        6.33097  (14120316)
       489382.17   3762809.64        6.91240  (14120316)               489294.91
       3762783.65        6.76130  (14120316)
       489889.72   3762661.22       10.08796  (14120316)               490022.93
       3762783.29        7.16867  (14120316)
       490423.96   3762839.25        6.77085  (16011116)               490375.94
       3762870.37        6.45575  (16011116)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:10:24

                     PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL236      , VOL275      ,
                                  VOL276      , VOL277      , VOL278      ,
                    VOL279      , VOL280      , VOL281      , VOL282      , VOL283      ,
                    VOL284      , VOL285      , VOL286      ,
                    VOL287      , VOL288      , VOL289      , VOL290      , VOL291      ,
                    VOL292      , VOL293      , VOL294      ,
                    VOL295      , VOL296      , VOL297      , VOL298      , VOL299      ,
                    VOL300      , VOL301      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF CO       IN
                                        MICROGRAMS/M**3                         **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       491453.08   3762845.48       10.93916  (12022716)               491132.33
       3762903.51       12.48150  (12022716)
```

```
       492890.84   3762203.51       17.86847  (12022716)                492961.55
       3762258.51       14.19636  (12022716)
       493033.99   3762272.60       12.28610  (12022716)                493032.31
       3762205.18       11.96076  (12022716)
       493087.32   3762215.25        8.48601  (12022716)                493079.94
       3762296.41       10.27045  (12022716)
       493163.79   3762367.18        7.23752  (12022716)                493068.87
       3762510.05        6.18263  (12022716)
       493101.07   3762454.71        7.75905  (12022716)                493281.84
       3762369.19        4.13104  (12022716)
       493351.51   3762095.42        4.29869  (16112816)                493439.48
       3762105.84        3.78984  (16112816)
       493972.90   3763044.23        3.09690  (16112816)                493957.03
       3763184.09        3.02334  (16112816)
       493583.55   3763480.45        1.99593  (16112816)                493258.47
       3763568.15        1.70533  (13050709)
       492895.78   3763485.72        2.44920  (12022716)                493781.01
       3761659.05        3.24990  (15121016)
       493797.63   3761658.35        3.21321  (15121016)                493831.94
       3761631.47        2.99320  (15121016)
       493900.20   3761664.01        3.04107  (15121016)                493918.59
       3761666.13        3.01204  (15121016)
       493929.55   3761662.24        2.97276  (15121016)                493945.82
       3761667.90        2.96878  (15121016)
       493758.37   3761524.30        4.70758  (12121716)                493961.03
       3761672.85        2.95939  (15121016)
       493975.18   3761679.57        2.94983  (15121016)                493987.55
       3761687.70        2.94812  (15121016)
       493998.87   3761697.25        2.94463  (15121016)                494007.71
       3761707.51        2.94587  (15121016)
       494016.91   3761718.12        2.94303  (15121016)                494024.69
       3761730.85        2.92612  (15121016)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:10:24

                     PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     VOL236      , VOL275      ,
                                VOL276      , VOL277      , VOL278      ,
                  VOL279      , VOL280      , VOL281      , VOL282      , VOL283      ,
                  VOL284      , VOL285      , VOL286      ,
                  VOL287      , VOL288      , VOL289      , VOL290      , VOL291      ,
                  VOL292      , VOL293      , VOL294      ,
                  VOL295      , VOL296      , VOL297      , VOL298      , VOL299      ,
                  VOL300      , VOL301      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF CO       IN
                                        MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        1.48891  (16011516)                493409.97
       3761986.39        1.56272  (16011516)
       493417.46   3761972.99        1.58532  (16011516)                493468.31
       3761958.40        1.53239  (16011516)
       493499.84   3761947.37        1.50171  (16011516)                493614.36
       3761892.81        1.38397  (16011516)
```

493613.66 3761905.05 1.38045 (16011516) 493614.36
3761917.12 1.37310 (16011516)
493614.36 3761927.44 1.36608 (16011516) 493613.31
3761940.20 1.35690 (16011516)
493616.46 3761952.10 1.34163 (16011516) 493615.23
3761961.71 1.33256 (16011516)
493614.53 3761973.78 1.31872 (16011516) 493614.01
3761984.98 1.30430 (16011516)
493613.66 3761996.52 1.28821 (16011516) 493614.18
3762007.36 1.27124 (16011516)
493615.76 3762018.56 1.25184 (16011516) 493614.71
3762025.73 1.24067 (16011516)
493614.36 3762035.00 1.22485 (16011516) 493613.13
3762043.74 1.21017 (16011516)
493613.66 3762052.14 1.19435 (16011516) 493613.83
3762061.58 1.17657 (16011516)
493614.18 3762071.55 1.15739 (16011516) 493696.46
3761742.53 1.19154 (16011516)
493707.35 3761768.92 1.21200 (16011516) 493727.98
3761742.80 1.15959 (16011516)
493755.61 3761733.69 1.12241 (16011516) 493750.48
3761720.58 1.11148 (16011516)
493745.92 3761709.48 1.10168 (16011516) 493741.37
3761696.95 1.08930 (16011516)
493738.52 3761681.00 1.07284 (12042316) 493737.38
3761663.91 1.07897 (12042316)
493736.52 3761651.38 1.08293 (12042316) 494418.08
3761416.13 0.80245 (16121516)
494473.73 3761368.11 0.80761 (16121516) 494939.85
3761394.35 0.66881 (16121516)
494686.37 3761403.42 0.72944 (16121516) 494575.98
3761568.60 0.67236 (12042316)
494541.49 3761602.79 0.67917 (12042316) 494822.53
3761435.24 0.67720 (16121516)
494846.18 3761504.63 0.63408 (16121516) 494841.06
3761535.78 0.61801 (16121516)
494837.90 3761553.12 0.61325 (12042316) 494885.61
3761199.09 0.75778 (16121516)
494976.68 3761325.65 0.69158 (16121516) 494985.35
3761366.25 0.67138 (16121516)
495070.90 3761299.23 0.68037 (16121516) 495115.47
3760632.60 0.84125 (12121716)
495069.03 3760685.30 0.84838 (12121716) 495087.55
3760728.31 0.83892 (12121716)
495079.90 3760834.52 0.80343 (12121716) 495202.38
3760883.65 0.73930 (12121716)
495237.63 3760939.31 0.73224 (16121516) 495298.45
3761048.56 0.70902 (16121516)
490844.43 3759375.83 0.59086 (13112916) 490895.79
3759357.70 0.58615 (14012416)
490596.67 3759246.67 0.65564 (13112916) 489103.59
3759859.22 0.74414 (13012516)
488940.48 3759893.26 0.78331 (13012516) 488472.34
3759865.64 0.81639 (13012516)
488432.53 3759884.27 0.82210 (13012516) 488713.15
3759827.76 0.78666 (13012516)
487562.29 3760285.62 0.63036 (13012516) 487809.35
3760420.86 0.67592 (13012516)
487553.10 3761208.24 0.67468 (15122216) 487899.76
3760972.40 0.76892 (15122216)
487983.18 3762301.23 0.90594 (16123016) 487913.66
3762403.25 0.87912 (16123016)
487890.59 3762238.09 0.85591 (16123016) 488190.14
3762513.88 0.89458 (16123016)
488424.39 3762586.51 0.86673 (16123016) 488657.54
3762495.87 1.02167 (16123016)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.79241	(12022716)	491132.33	3762903.51	2.31679	(12022716)
492890.84	3762203.51	2.56318	(12022716)	492961.55	3762258.51	1.93718	(12022716)
493033.99	3762272.60	1.60923	(12022716)	493032.31	3762205.18	1.56590	(12022716)
493087.32	3762215.25	1.26349	(15013016)	493079.94	3762296.41	1.33779	(12022716)
493163.79	3762367.18	0.99691	(15013016)	493068.87	3762510.05	0.98664	(14012416)
493101.07	3762454.71	1.03028	(12022716)	493281.84	3762369.19	0.95992	(15013016)
493351.51	3762095.42	1.29293	(15013016)	493439.48	3762105.84	1.18776	(15013016)
493972.90	3763044.23	0.63679	(14012416)	493957.03	3763184.09	0.61950	(14012416)
493583.55	3763480.45	0.61673	(14012416)	493258.47	3763568.15	0.63604	(14012416)
492895.78	3763485.72	0.70504	(14012416)	493781.01	3761659.05	1.03493	(12042316)
493797.63	3761658.35	1.02036	(12042316)	493831.94	3761631.47	0.99689	(12042316)
493900.20	3761664.01	0.94062	(12042316)	493918.59	3761666.13	0.92983	(16011516)
493929.55	3761662.24	0.92307	(12042316)	493945.82	3761667.90	0.91685	(16011516)
493758.37	3761524.30	1.04232	(12042316)	493961.03	3761672.85	0.91345	(16011516)
493975.18	3761679.57	0.91326	(16011516)	493987.55	3761687.70	0.91435	(16011516)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGH VALUE IS	17.86847	ON 12022716: AT (492890.84, 3762203.51, 695.84, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGH VALUE IS	3.21885	ON 16010516: AT (489889.72, 3762661.22, 633.96, 683.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   2 Warning Message(s)
A Total of   388 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   746   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   746   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

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** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Cons NOX
Mit\15218 Ph5 Cons NOX Mit.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Cons NOX Mit.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL236       VOLUME     490631.865  3762017.220      668.870
   LOCATION VOL275       VOLUME     490713.350  3762364.114      650.330
   LOCATION VOL276       VOLUME     490624.549  3762230.914      650.900
   LOCATION VOL277       VOLUME     490759.600  3762230.914      672.270
   LOCATION VOL278       VOLUME     490491.349  3762160.613      649.370
   LOCATION VOL279       VOLUME     490622.699  3762097.713      672.320
   LOCATION VOL280       VOLUME     490757.750  3762095.863      659.070
   LOCATION VOL281       VOLUME     490889.100  3762097.713      651.850
   LOCATION VOL282       VOLUME     490491.349  3762027.413      667.150
   LOCATION VOL283       VOLUME     490764.536  3762011.432      650.000
   LOCATION VOL284       VOLUME     490900.249  3761957.659      662.000
   LOCATION VOL285       VOLUME     490854.158  3761893.644      668.070
   LOCATION VOL286       VOLUME     491030.840  3761955.098      665.330
   LOCATION VOL287       VOLUME     490987.310  3761868.038      657.040
   LOCATION VOL288       VOLUME     491161.431  3761898.765      667.260
   LOCATION VOL289       VOLUME     491292.023  3761916.689      663.600
   LOCATION VOL290       VOLUME     491020.598  3761732.325      671.440
   LOCATION VOL291       VOLUME     490994.991  3761632.461      670.660
   LOCATION VOL292       VOLUME     491125.583  3761627.340      671.400
   LOCATION VOL293       VOLUME     491120.462  3761824.507      668.400
   LOCATION VOL294       VOLUME     491153.750  3761760.492      670.050
   LOCATION VOL295       VOLUME     491256.174  3761624.779      681.760
   LOCATION VOL296       VOLUME     491284.341  3761757.931      675.940
   LOCATION VOL297       VOLUME     491348.356  3761514.673      659.870
   LOCATION VOL298       VOLUME     491484.069  3761550.521      656.410
   LOCATION VOL299       VOLUME     491617.221  3761627.340      651.700
   LOCATION VOL300       VOLUME     490362.520  3762072.887      667.920
   LOCATION VOL301       VOLUME     490359.959  3761990.947      671.000
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   LOCATION VOL302       VOLUME     490231.928  3761983.265      671.200
   LOCATION VOL303       VOLUME     490229.368  3761875.719      672.750
   LOCATION VOL304       VOLUME     490203.762  3761760.492      674.310
   LOCATION VOL305       VOLUME     490109.019  3761801.462      671.630
   LOCATION VOL306       VOLUME     490132.064  3761916.689      669.570
   LOCATION VOL307       VOLUME     490321.550  3761604.294      679.580
   LOCATION VOL308       VOLUME     490452.141  3761606.855      678.140
   LOCATION VOL309       VOLUME     492633.785  3761896.204      692.130
   LOCATION VOL310       VOLUME     492533.921  3761806.583      685.900
   LOCATION VOL311       VOLUME     492544.163  3761729.764      689.590
   LOCATION VOL312       VOLUME     492633.785  3761755.371      694.170
   LOCATION VOL313       VOLUME     492708.042  3761891.083      694.700
** Source Parameters **
   SRCPARAM VOL236       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL275       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL276       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL277       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL278       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL279       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL280       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL281       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL282       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL283       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL284       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL285       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL286       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL287       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL288       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL289       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL290       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL291       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL292       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL293       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL294       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL295       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL296       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL297       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL298       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL299       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL300       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL301       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL302       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL303       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL304       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL305       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL306       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL307       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL308       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL309       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL310       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL311       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL312       0.0074811242     5.000    31.816     1.400
   SRCPARAM VOL313       0.0074811242     5.000    31.816     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL275       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL276       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL277       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL278       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL279       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL280       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL281       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL282       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL283       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL284       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL285       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL286       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL287       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL288       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL289       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL290       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL291       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL292       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL293       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL294       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL295       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL296       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL297       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL298       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL299       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL300       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL301       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL302       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL303       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL304       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL305       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL306       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL307       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL308       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL309       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL310       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL311       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL312       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL313       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
```

```
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Cons NOX Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH5 CONS NOX MIT.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph5 Cons NOX Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     746       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     746       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

***   MODEL SETUP OPTIONS SUMMARY   ***

- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL236	0	0.74811E-02	490631.9	3762017.2	668.9	5.00	31.82	1.40	YES HRDOW
VOL275	0	0.74811E-02	490713.3	3762364.1	650.3	5.00	31.82	1.40	YES HRDOW
VOL276	0	0.74811E-02	490624.5	3762230.9	650.9	5.00	31.82	1.40	YES HRDOW
VOL277	0	0.74811E-02	490759.6	3762230.9	672.3	5.00	31.82	1.40	YES HRDOW
VOL278	0	0.74811E-02	490491.3	3762160.6	649.4	5.00	31.82	1.40	YES HRDOW
VOL279	0	0.74811E-02	490622.7	3762097.7	672.3	5.00	31.82	1.40	YES HRDOW
VOL280	0	0.74811E-02	490757.8	3762095.9	659.1	5.00	31.82	1.40	YES HRDOW
VOL281	0	0.74811E-02	490889.1	3762097.7	651.8	5.00	31.82	1.40	YES HRDOW
VOL282	0	0.74811E-02	490491.3	3762027.4	667.1	5.00	31.82	1.40	YES HRDOW
VOL283	0	0.74811E-02	490764.5	3762011.4	650.0	5.00	31.82	1.40	YES HRDOW
VOL284	0	0.74811E-02	490900.2	3761957.7	662.0	5.00	31.82	1.40	YES HRDOW
VOL285	0	0.74811E-02	490854.2	3761893.6	668.1	5.00	31.82	1.40	YES HRDOW
VOL286	0	0.74811E-02	491030.8	3761955.1	665.3	5.00	31.82	1.40	YES HRDOW
VOL287	0	0.74811E-02	490987.3	3761868.0	657.0	5.00	31.82	1.40	YES HRDOW
VOL288	0	0.74811E-02	491161.4	3761898.8	667.3	5.00	31.82	1.40	YES HRDOW
VOL289	0	0.74811E-02	491292.0	3761916.7	663.6	5.00	31.82	1.40	YES HRDOW
VOL290	0	0.74811E-02	491020.6	3761732.3	671.4	5.00	31.82	1.40	YES HRDOW
VOL291	0	0.74811E-02	490995.0	3761632.5	670.7	5.00	31.82	1.40	YES HRDOW
VOL292	0	0.74811E-02	491125.6	3761627.3	671.4	5.00	31.82	1.40	YES HRDOW
VOL293	0	0.74811E-02	491120.5	3761824.5	668.4	5.00	31.82	1.40	YES HRDOW
VOL294	0	0.74811E-02	491153.8	3761760.5	670.0	5.00	31.82	1.40	

```
 YES   HRDOW            NO
 VOL295          0   0.74811E-02  491256.2 3761624.8   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL296          0   0.74811E-02  491284.3 3761757.9   675.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL297          0   0.74811E-02  491348.4 3761514.7   659.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL298          0   0.74811E-02  491484.1 3761550.5   656.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL299          0   0.74811E-02  491617.2 3761627.3   651.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL300          0   0.74811E-02  490362.5 3762072.9   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL301          0   0.74811E-02  490360.0 3761990.9   671.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL302          0   0.74811E-02  490231.9 3761983.3   671.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL303          0   0.74811E-02  490229.4 3761875.7   672.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL304          0   0.74811E-02  490203.8 3761760.5   674.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL305          0   0.74811E-02  490109.0 3761801.5   671.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL306          0   0.74811E-02  490132.1 3761916.7   669.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL307          0   0.74811E-02  490321.5 3761604.3   679.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL308          0   0.74811E-02  490452.1 3761606.9   678.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL309          0   0.74811E-02  492633.8 3761896.2   692.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL310          0   0.74811E-02  492533.9 3761806.6   685.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL311          0   0.74811E-02  492544.2 3761729.8   689.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL312          0   0.74811E-02  492633.8 3761755.4   694.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL313          0   0.74811E-02  492708.0 3761891.1   694.7     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL236      , VOL275      , VOL276      , VOL277      , VOL278      , VOL279      ,
  VOL280      , VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,
```

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL236 , VOL275 , VOL276 , VOL277 , VOL278 , VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 , VOL285 , VOL286 , VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 , VOL293 , VOL294 , VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 , VOL301 , VOL302 , VOL303 , VOL304 , VOL305 , VOL306 , VOL307 , VOL308 , VOL309 , VOL310 , VOL311 , VOL312 , VOL313 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL275 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL276 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL277       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL278       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL279 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL280 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL281 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL282   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL284 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 14:13:27

PAGE 17

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL286 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 14:13:27

PAGE 18

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL288 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL289 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL290 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL291 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL292 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL293 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL295 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL296 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27

                      PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL297       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL298 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 14:13:27

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL299 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL300 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL301 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL302 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27

                     PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL304       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27

                     PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
```

(HRDOW) *

SOURCE ID = VOL305 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL307 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL308 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL309 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL311       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:13:27

                     PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL312       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4,
713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4,
714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8,
711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1,
712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2,
714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7,
715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0,
716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4,
716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7,
716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7,
716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6,
716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5,
707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8,
710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6,
712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);

(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data
YR MO DY JDY HR H0 U* W* DT/DZ ZICNV ZIMCH M-O LEN Z0 BOWEN ALBEDO REF WS WD HT REF TA HT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.42395	(13010916)	493409.97	3761986.39	0.41911	(13010916)
493417.46	3761972.99	0.41556	(13010916)	493468.31	3761958.40	0.38236	(13010916)
493499.84	3761947.37	0.36099	(13010916)	493614.36	3761892.81	0.32834	(15121016)
493613.66	3761905.05	0.31477	(15121016)	493614.36	3761917.12	0.31188	(16101209)
493614.36	3761927.44	0.31245	(16101209)	493613.31	3761940.20	0.31290	(16101209)
493616.46	3761952.10	0.31217	(16101209)	493615.23	3761961.71	0.31417	(13010916)
493614.53	3761973.78	0.31873	(13010916)	493614.01	3761984.98	0.32195	(13010916)
493613.66	3761996.52	0.32427	(13010916)	493614.18	3762007.36	0.32527	(13010916)
493615.76	3762018.56	0.32509	(13010916)	493614.71	3762025.73	0.32519	(13010916)
493614.36	3762035.00	0.32448	(13010916)	493613.13	3762043.74	0.32356	(13010916)
493613.66	3762052.14	0.32173	(13010916)	493613.83	3762061.58	0.31933	(13010916)
493614.18	3762071.55	0.31625	(13010916)	493696.46	3761742.53	0.37658	(15121016)
493707.35	3761768.92	0.37194	(15121016)	493727.98	3761742.80	0.36755	(15121016)
493755.61	3761733.69	0.35907	(15121016)	493750.48	3761720.58	0.35794	(15121016)
493745.92	3761709.48	0.35602	(15121016)	493741.37	3761696.95	0.35263	(15121016)
493738.52	3761681.00	0.34619	(15121016)	493737.38	3761663.91	0.33734	(15121016)
493736.52	3761651.38	0.32973	(15121016)	494418.08	3761416.13	0.24943	(16121514)
494473.73	3761368.11	0.27011	(12121716)	494939.85	3761394.35	0.22033	(16121514)
494686.37	3761403.42	0.23441	(16121514)	494575.98	3761568.60	0.22073	(16121514)
494541.49	3761602.79	0.21675	(16121514)	494822.53	3761435.24	0.22360	(16121514)
494846.18	3761504.63	0.21347	(16121514)	494841.06	3761535.78	0.20904	(16121514)
494837.90	3761553.12	0.20640	(16121514)	494885.61	3761199.09	0.26412	(12121716)
494976.68	3761325.65	0.22340	(16121514)	494985.35	3761366.25	0.22036	(16121514)

495070.90	3761299.23	0.21935	(16121514)	495115.47	
3760632.60	0.44721	(12121716)			
495069.03	3760685.30	0.44918	(12121716)	495087.55	
3760728.31	0.44140	(12121716)			
495079.90	3760834.52	0.41223	(12121716)	495202.38	
3760883.65	0.36914	(12121716)			
495237.63	3760939.31	0.33240	(12121716)	495298.45	
3761048.56	0.25414	(12121716)			
490844.43	3759375.83	0.17610	(14021809)	490895.79	
3759357.70	0.17751	(14021809)			
490596.67	3759246.67	0.22998	(13112916)	489103.59	
3759859.22	0.33615	(12021516)			
488940.48	3759893.26	0.35284	(12021516)	488472.34	
3759865.64	0.25638	(12021516)			
488432.53	3759884.27	0.23683	(12021516)	488713.15	
3759827.76	0.32714	(12021516)			
487562.29	3760285.62	0.14625	(15122215)	487809.35	
3760420.86	0.15383	(15122215)			
487553.10	3761208.24	0.17406	(15122213)	487899.76	
3760972.40	0.18270	(14120216)			
487983.18	3762301.23	0.39405	(16123016)	487913.66	
3762403.25	0.36884	(16123016)			
487890.59	3762238.09	0.37569	(16123016)	488190.14	
3762513.88	0.34040	(16123016)			
488424.39	3762586.51	0.29201	(16123016)	488657.54	
3762495.87	0.37449	(16123016)			
488908.17	3762583.23	0.45015	(14120316)	489170.26	
3762660.77	0.63645	(14120316)			
489382.17	3762809.64	0.69490	(14120316)	489294.91	
3762783.65	0.67971	(14120316)			
489889.72	3762661.22	1.01413	(14120316)	490022.93	
3762783.29	0.72066	(14120316)			
490423.96	3762839.25	0.68067	(16011116)	490375.94	
3762870.37	0.64899	(16011116)			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 , VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 , VOL285 , VOL286 , VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 , VOL293 , VOL294 , VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.09970	(12022716)	491132.33	3762903.51	1.25475	(12022716)
492890.84	3762203.51	1.79630	(12022716)	492961.55	3762258.51	1.42715	(12022716)

493033.99 3762272.60 1.23511 (12022716) 493032.31
3762205.18 1.20240 (12022716)
493087.32 3762215.25 0.85309 (12022716) 493079.94
3762296.41 1.03248 (12022716)
493163.79 3762367.18 0.72758 (12022716) 493068.87
3762510.05 0.62153 (12022716)
493101.07 3762454.71 0.78001 (12022716) 493281.84
3762369.19 0.41529 (12022716)
493351.51 3762095.42 0.43214 (16112816) 493439.48
3762105.84 0.38099 (16112816)
493972.90 3763044.23 0.31133 (16112816) 493957.03
3763184.09 0.30393 (16112816)
493583.55 3763480.45 0.20065 (16112816) 493258.47
3763568.15 0.17144 (13050709)
492895.78 3763485.72 0.24622 (12022716) 493781.01
3761659.05 0.32671 (15121016)
493797.63 3761658.35 0.32302 (15121016) 493831.94
3761631.47 0.30090 (15121016)
493900.20 3761664.01 0.30572 (15121016) 493918.59
3761666.13 0.30280 (15121016)
493929.55 3761662.24 0.29885 (15121016) 493945.82
3761667.90 0.29845 (15121016)
493758.37 3761524.30 0.47325 (12121716) 493961.03
3761672.85 0.29750 (15121016)
493975.18 3761679.57 0.29654 (15121016) 493987.55
3761687.70 0.29637 (15121016)
493998.87 3761697.25 0.29602 (15121016) 494007.71
3761707.51 0.29615 (15121016)
494016.91 3761718.12 0.29586 (15121016) 494024.69
3761730.85 0.29416 (15121016)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	1.79630	ON 12022716: AT (492890.84, 3762203.51, 695.84, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of          388 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          191 Calm Hours Identified

A Total of          197 Missing Hours Identified (  0.45 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186     746       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     746       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Cons PM10
Mit\15218 Ph5 Cons PM10 Mit.ADI
**
**************************************
**
**
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** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Cons PM10 Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL236       VOLUME     490631.865  3762017.220      668.870
   LOCATION VOL275       VOLUME     490713.350  3762364.114      650.330
   LOCATION VOL276       VOLUME     490624.549  3762230.914      650.900
   LOCATION VOL277       VOLUME     490759.600  3762230.914      672.270
   LOCATION VOL278       VOLUME     490491.349  3762160.613      649.370
   LOCATION VOL279       VOLUME     490622.699  3762097.713      672.320
   LOCATION VOL280       VOLUME     490757.750  3762095.863      659.070
   LOCATION VOL281       VOLUME     490889.100  3762097.713      651.850
   LOCATION VOL282       VOLUME     490491.349  3762027.413      667.150
   LOCATION VOL283       VOLUME     490764.536  3762011.432      650.000
   LOCATION VOL284       VOLUME     490900.249  3761957.659      662.000
   LOCATION VOL285       VOLUME     490854.158  3761893.644      668.070
   LOCATION VOL286       VOLUME     491030.840  3761955.098      665.330
   LOCATION VOL287       VOLUME     490987.310  3761868.038      657.040
   LOCATION VOL288       VOLUME     491161.431  3761898.765      667.260
   LOCATION VOL289       VOLUME     491292.023  3761916.689      663.600
   LOCATION VOL290       VOLUME     491020.598  3761732.325      671.440
   LOCATION VOL291       VOLUME     490994.991  3761632.461      670.660
   LOCATION VOL292       VOLUME     491125.583  3761627.340      671.400
   LOCATION VOL293       VOLUME     491120.462  3761824.507      668.400
   LOCATION VOL294       VOLUME     491153.750  3761760.492      670.050
   LOCATION VOL295       VOLUME     491256.174  3761624.779      681.760
   LOCATION VOL296       VOLUME     491284.341  3761757.931      675.940
   LOCATION VOL297       VOLUME     491348.356  3761514.673      659.870
   LOCATION VOL298       VOLUME     491484.069  3761550.521      656.410
   LOCATION VOL299       VOLUME     491617.221  3761627.340      651.700
   LOCATION VOL300       VOLUME     490362.520  3762072.887      667.920
   LOCATION VOL301       VOLUME     490359.959  3761990.947      671.000
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   LOCATION VOL302       VOLUME     490231.928  3761983.265      671.200
   LOCATION VOL303       VOLUME     490229.368  3761875.719      672.750
   LOCATION VOL304       VOLUME     490203.762  3761760.492      674.310
   LOCATION VOL305       VOLUME     490109.019  3761801.462      671.630
   LOCATION VOL306       VOLUME     490132.064  3761916.689      669.570
   LOCATION VOL307       VOLUME     490321.550  3761604.294      679.580
   LOCATION VOL308       VOLUME     490452.141  3761606.855      678.140
   LOCATION VOL309       VOLUME     492633.785  3761896.204      692.130
   LOCATION VOL310       VOLUME     492533.921  3761806.583      685.900
   LOCATION VOL311       VOLUME     492544.163  3761729.764      689.590
   LOCATION VOL312       VOLUME     492633.785  3761755.371      694.170
   LOCATION VOL313       VOLUME     492708.042  3761891.083      694.700
   LOCATION PAREA1       AREAPOLY   490710.926  3762417.252      650.400
   LOCATION PAREA2       AREAPOLY   492614.706  3761961.790      689.240
** Source Parameters **
   SRCPARAM VOL236       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL275       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL276       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL277       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL278       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL279       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL280       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL281       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL282       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL283       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL284       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL285       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL286       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL287       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL288       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL289       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL290       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL291       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL292       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL293       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL294       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL295       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL296       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL297       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL298       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL299       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL300       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL301       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL302       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL303       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL304       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL305       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL306       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL307       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL308       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL309       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL310       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL311       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL312       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL313       0.0002795578     5.000    31.816     1.400
   SRCPARAM PAREA1       2.3741E-07     0.000        68     1.000
   AREAVERT PAREA1       490710.926 3762417.252 490673.504 3762346.348
   AREAVERT PAREA1       490624.265 3762273.474 490565.178 3762239.992
   AREAVERT PAREA1       490521.847 3762214.387 490407.613 3762135.605
   AREAVERT PAREA1       490248.078 3762060.761 490238.230 3762043.035
   AREAVERT PAREA1       490192.930 3761999.705 490171.265 3761981.979
   AREAVERT PAREA1       490147.630 3761966.222 490125.965 3761966.222
   AREAVERT PAREA1       490039.304 3761765.327 490161.417 3761710.179
   AREAVERT PAREA1       490240.200 3761676.696 490305.195 3761668.818
   AREAVERT PAREA1       490293.378 3761631.396 490253.987 3761603.822
   AREAVERT PAREA1       490265.804 3761568.370 490263.835 3761550.644
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   AREAVERT PAREA1       490289.439 3761528.979 490352.465 3761540.796
   AREAVERT PAREA1       490439.126 3761554.583 490488.365 3761556.553
   AREAVERT PAREA1       490506.091 3761613.670 490508.060 3761680.635
   AREAVERT PAREA1       490246.108 3761698.361 490277.622 3761808.657
   AREAVERT PAREA1       490311.104 3761879.561 490364.282 3761922.892
   AREAVERT PAREA1       490443.065 3761936.679 490561.239 3761942.587
   AREAVERT PAREA1       490661.686 3761950.466 490701.078 3761972.131
   AREAVERT PAREA1       490781.830 3761877.592 490870.460 3761824.414
   AREAVERT PAREA1       490964.999 3761779.114 490923.638 3761572.309
   AREAVERT PAREA1       491260.434 3761558.522 491268.312 3761536.857
   AREAVERT PAREA1       491293.917 3761532.918 491295.886 3761475.801
   AREAVERT PAREA1       491315.582 3761450.196 491386.486 3761493.527
   AREAVERT PAREA1       491435.725 3761501.405 491484.964 3761544.735
   AREAVERT PAREA1       491555.869 3761621.548 491614.955 3761670.788
   AREAVERT PAREA1       491721.312 3761682.605 491713.434 3761700.331
   AREAVERT PAREA1       491575.564 3761666.848 491544.051 3761627.457
   AREAVERT PAREA1       491506.629 3761631.396 491504.660 3761641.244
   AREAVERT PAREA1       491343.156 3761586.096 491317.551 3761712.148
   AREAVERT PAREA1       491289.977 3761745.631 491317.551 3761786.992
   AREAVERT PAREA1       491384.516 3761863.805 491392.395 3761881.531
   AREAVERT PAREA1       491317.551 3761987.887 491240.738 3761952.435
   AREAVERT PAREA1       491183.621 3761960.313 491077.264 3761962.283
   AREAVERT PAREA1       490986.665 3762009.553 490931.517 3762056.822
   AREAVERT PAREA1       490831.069 3762200.600 490771.982 3762301.048
   SRCPARAM PAREA2       2.3741E-07     0.000        12     1.000
   AREAVERT PAREA2       492614.706 3761961.790 492685.019 3761936.678
   AREAVERT PAREA2       492765.378 3761889.802 492641.492 3761677.187
   AREAVERT PAREA2       492577.875 3761667.143 492507.561 3761670.491
   AREAVERT PAREA2       492495.842 3761680.536 492467.382 3761752.523
   AREAVERT PAREA2       492455.663 3761775.961 492527.651 3761876.409
   AREAVERT PAREA2       492571.178 3761906.544 492571.178 3761941.701
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL275       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL276       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL277       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL278       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL279       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL280       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL281       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL282       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL283       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL284       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL285       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL286       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL287       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL288       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL289       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL290       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL291       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL292       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL293       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL294       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL295       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL296       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL297       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL298       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL299       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL300       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL301       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL302       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL303       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL304       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL305       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL306       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL307       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL308       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL309       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL310       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL311       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL312       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL313       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Cons PM10 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH5 CONS PM10 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph5 Cons PM10 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     820       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     820       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 42 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Accepts FLAGPOLE Receptor . Heights.
* The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 42 Source(s); 1 Source Group(s); and 114 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 40 VOLUME source(s)
and: 2 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL236	0	0.27956E-03		490631.9	3762017.2	668.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL275	0	0.27956E-03		490713.3	3762364.1	650.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL276	0	0.27956E-03		490624.5	3762230.9	650.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL277	0	0.27956E-03		490759.6	3762230.9	672.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL278	0	0.27956E-03		490491.3	3762160.6	649.4	5.00	31.82	1.40
YES	HRDOW		NO						
VOL279	0	0.27956E-03		490622.7	3762097.7	672.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL280	0	0.27956E-03		490757.8	3762095.9	659.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL281	0	0.27956E-03		490889.1	3762097.7	651.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL282	0	0.27956E-03		490491.3	3762027.4	667.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL283	0	0.27956E-03		490764.5	3762011.4	650.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL284	0	0.27956E-03		490900.2	3761957.7	662.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL285	0	0.27956E-03		490854.2	3761893.6	668.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL286	0	0.27956E-03		491030.8	3761955.1	665.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL287	0	0.27956E-03		490987.3	3761868.0	657.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL288	0	0.27956E-03		491161.4	3761898.8	667.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL289	0	0.27956E-03		491292.0	3761916.7	663.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL290	0	0.27956E-03		491020.6	3761732.3	671.4	5.00	31.82	1.40

```
 YES   HRDOW           NO
 VOL291          0   0.27956E-03  490995.0 3761632.5   670.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL292          0   0.27956E-03  491125.6 3761627.3   671.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL293          0   0.27956E-03  491120.5 3761824.5   668.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL294          0   0.27956E-03  491153.8 3761760.5   670.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL295          0   0.27956E-03  491256.2 3761624.8   681.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL296          0   0.27956E-03  491284.3 3761757.9   675.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL297          0   0.27956E-03  491348.4 3761514.7   659.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL298          0   0.27956E-03  491484.1 3761550.5   656.4     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL299          0   0.27956E-03  491617.2 3761627.3   651.7     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL300          0   0.27956E-03  490362.5 3762072.9   667.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL301          0   0.27956E-03  490360.0 3761990.9   671.0     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL302          0   0.27956E-03  490231.9 3761983.3   671.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL303          0   0.27956E-03  490229.4 3761875.7   672.8     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL304          0   0.27956E-03  490203.8 3761760.5   674.3     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL305          0   0.27956E-03  490109.0 3761801.5   671.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL306          0   0.27956E-03  490132.1 3761916.7   669.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL307          0   0.27956E-03  490321.5 3761604.3   679.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL308          0   0.27956E-03  490452.1 3761606.9   678.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL309          0   0.27956E-03  492633.8 3761896.2   692.1     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL310          0   0.27956E-03  492533.9 3761806.6   685.9     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL311          0   0.27956E-03  492544.2 3761729.8   689.6     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL312          0   0.27956E-03  492633.8 3761755.4   694.2     5.00    31.82     1.40
 YES   HRDOW           NO
 VOL313          0   0.27956E-03  492708.0 3761891.1   694.7     5.00    31.82     1.40
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                      PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.
              URBAN  EMISSION RATE    AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ
   SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
     (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -
```

```
 PAREA1           0   0.23741E-06  490710.9 3762417.3   650.4     0.00      68         1.00
 YES   HRDOW           NO
 PAREA2           0   0.23741E-06  492614.7 3761961.8   689.2     0.00      12         1.00
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL236      , VOL275      , VOL276      , VOL277      , VOL278      , VOL279      ,
  VOL280      , VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,

             VOL306      , VOL307      , VOL308      , VOL309      , VOL310      , VOL311      ,
             VOL312      , VOL313      ,

             PAREA1      , PAREA2      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                 SOURCE IDs
  --------   ---------                                 ----------


              2189641.   VOL236      , VOL275      , VOL276      , VOL277      , VOL278      ,
              VOL279      , VOL280      ,
 VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,

             VOL306      , VOL307      , VOL308      , VOL309      , VOL310      , VOL311      ,
             VOL312      , VOL313      ,
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL275 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL276 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL277 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                     PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL278       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL279       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                      PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL280       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL281 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL282 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL283 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL284 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL285 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL288 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL289 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL290 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL291 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL292 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL293 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL294 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL297 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 14:00:53

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL298 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL299 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL300 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL301 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL302 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL303 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL304 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL306   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                      PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL308       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                      PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL309       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 14:00:53

PAGE 42

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL310 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/20/24
*** AERMET - VERSION 16216 ***
*** *** 14:00:53

PAGE 43

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL311 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL312 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL313 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);

(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);

(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5

```
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                      PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL236      , VOL275      ,
                                  VOL276      , VOL277      , VOL278      ,
                    VOL279      , VOL280      , VOL281      , VOL282      , VOL283      ,
                    VOL284      , VOL285      , VOL286      ,
                    VOL287      , VOL288      , VOL289      , VOL290      , VOL291      ,
                    VOL292      , VOL293      , VOL294      ,
                    VOL295      , VOL296      , VOL297      , VOL298      , VOL299      ,
                    VOL300      , VOL301      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN
                                       MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        0.03618  (15010524)               493409.97
       3761986.39        0.03513  (13111224)
```

493417.46 3761972.99 0.03526 (13111224) 493468.31
3761958.40 0.03473 (13111224)
493499.84 3761947.37 0.03442 (13111224) 493614.36
3761892.81 0.03336 (15012024)
493613.66 3761905.05 0.03321 (13111224) 493614.36
3761917.12 0.03312 (13111224)
493614.36 3761927.44 0.03304 (13111224) 493613.31
3761940.20 0.03295 (13111224)
493616.46 3761952.10 0.03280 (13111224) 493615.23
3761961.71 0.03273 (13111224)
493614.53 3761973.78 0.03263 (13111224) 493614.01
3761984.98 0.03253 (13111224)
493613.66 3761996.52 0.03241 (13111224) 493614.18
3762007.36 0.03228 (13111224)
493615.76 3762018.56 0.03214 (13111224) 493614.71
3762025.73 0.03206 (13111224)
493614.36 3762035.00 0.03195 (13111224) 493613.13
3762043.74 0.03185 (13111224)
493613.66 3762052.14 0.03172 (13111224) 493613.83
3762061.58 0.03158 (13111224)
493614.18 3762071.55 0.03144 (13111224) 493696.46
3761742.53 0.03535 (16030224)
493707.35 3761768.92 0.03472 (16030224) 493727.98
3761742.80 0.03474 (16030224)
493755.61 3761733.69 0.03437 (16030224) 493750.48
3761720.58 0.03464 (16030224)
493745.92 3761709.48 0.03485 (16030224) 493741.37
3761696.95 0.03505 (16030224)
493738.52 3761681.00 0.03532 (15012024) 493737.38
3761663.91 0.03560 (15012024)
493736.52 3761651.38 0.03580 (15012024) 494418.08
3761416.13 0.02919 (15012024)
494473.73 3761368.11 0.02898 (15012024) 494939.85
3761394.35 0.02513 (16030224)
494686.37 3761403.42 0.02676 (15012024) 494575.98
3761568.60 0.02695 (16030224)
494541.49 3761602.79 0.02697 (16030224) 494822.53
3761435.24 0.02574 (16030224)
494846.18 3761504.63 0.02546 (16030224) 494841.06
3761535.78 0.02533 (16030224)
494837.90 3761553.12 0.02524 (16030224) 494885.61
3761199.09 0.02648 (15012024)
494976.68 3761325.65 0.02506 (15012024) 494985.35
3761366.25 0.02483 (16030224)
495070.90 3761299.23 0.02466 (15012024) 495115.47
3760632.60 0.02840 (14013024)
495069.03 3760685.30 0.02820 (14013024) 495087.55
3760728.31 0.02741 (14013024)
495079.90 3760834.52 0.02679 (16121524) 495202.38
3760883.65 0.02604 (12120624)
495237.63 3760939.31 0.02556 (12120624) 495298.45
3761048.56 0.02421 (15012024)
490844.43 3759375.83 0.01841 (14121524) 490895.79
3759357.70 0.01888c (14012924)
490596.67 3759246.67 0.01596 (14121524) 489103.59
3759859.22 0.01994 (13012524)
488940.48 3759893.26 0.02395 (13012524) 488472.34
3759865.64 0.03326 (13012524)
488432.53 3759884.27 0.03457 (13012524) 488713.15
3759827.76 0.02687 (13012524)
487562.29 3760285.62 0.03640 (13012524) 487809.35
3760420.86 0.03815 (13012524)
487553.10 3761208.24 0.02440 (13012224) 487899.76
3760972.40 0.02518 (15122224)
487983.18 3762301.23 0.04213m (13123124) 487913.66
3762403.25 0.04135m (13123124)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 , VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 , VOL285 , VOL286 , VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 , VOL293 , VOL294 , VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487890.59	3762238.09	0.04034m	(13123124)	488190.14	3762513.88	0.04147m	(13123124)
488424.39	3762586.51	0.03920m	(13123124)	488657.54	3762495.87	0.04406m	(13123124)
488908.17	3762583.23	0.03973	(15011224)	489170.26	3762660.77	0.04748	(14120324)
489382.17	3762809.64	0.05563	(14120324)	489294.91	3762783.65	0.05445	(14120324)
489889.72	3762661.22	0.07237	(16010524)	490022.93	3762783.29	0.06241	(16010524)
490423.96	3762839.25	0.06997	(16122324)	490375.94	3762870.37	0.06496	(16122324)
491453.08	3762845.48	0.03774	(16122224)	491132.33	3762903.51	0.05353	(16122224)
492890.84	3762203.51	0.03918	(12022724)	492961.55	3762258.51	0.03625	(13030724)
493033.99	3762272.60	0.03491	(13030724)	493032.31	3762205.18	0.03502	(13030724)
493087.32	3762215.25	0.03399	(16030324)	493079.94	3762296.41	0.03407	(13030724)
493163.79	3762367.18	0.03268	(13030724)	493068.87	3762510.05	0.03077	(13030724)
493101.07	3762454.71	0.03213	(13030724)	493281.84	3762369.19	0.03079	(13030724)
493351.51	3762095.42	0.03497	(15010524)	493439.48	3762105.84	0.03324	(15010524)
493972.90	3763044.23	0.02116	(16030324)	493957.03	3763184.09	0.02049	(16030324)
493583.55	3763480.45	0.01923	(14100224)	493258.47	3763568.15	0.02166	(14100224)
492895.78	3763485.72	0.02398	(14100224)	493781.01	3761659.05	0.03484	(15012024)
493797.63	3761658.35	0.03457	(15012024)	493831.94	3761631.47	0.03436	(15012024)
493900.20	3761664.01	0.03290	(15012024)	493918.59	3761666.13	0.03262	(15012024)
493929.55	3761662.24	0.03253	(15012024)	493945.82	3761667.90	0.03224	(16030224)

```
       493758.37   3761524.30        0.03679  (15012024)                493961.03
       3761672.85        0.03200  (16030224)
       493975.18   3761679.57        0.03177  (16030224)                493987.55
       3761687.70        0.03153  (16030224)
       493998.87   3761697.25        0.03129  (16030224)                494007.71
       3761707.51        0.03104  (16030224)
       494016.91   3761718.12        0.03077  (16030224)                494024.69
       3761730.85        0.03051  (16030224)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                     PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_10    IN
                                    MICROGRAMS/M**3                         **


                                                  DATE
                                                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.07237  ON 16010524: AT (  489889.72,  3762661.22,
633.96,   683.00,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:00:53

                     PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          388 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          191 Calm Hours Identified

 A Total of          197 Missing Hours Identified (  0.45 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

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ME W186     820       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     820       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Cons PM25
Mit\15218 Ph5 Cons PM25 Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Cons PM25 Mit.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL236       VOLUME     490631.865  3762017.220      668.870
   LOCATION VOL275       VOLUME     490713.350  3762364.114      650.330
   LOCATION VOL276       VOLUME     490624.549  3762230.914      650.900
   LOCATION VOL277       VOLUME     490759.600  3762230.914      672.270
   LOCATION VOL278       VOLUME     490491.349  3762160.613      649.370
   LOCATION VOL279       VOLUME     490622.699  3762097.713      672.320
   LOCATION VOL280       VOLUME     490757.750  3762095.863      659.070
   LOCATION VOL281       VOLUME     490889.100  3762097.713      651.850
   LOCATION VOL282       VOLUME     490491.349  3762027.413      667.150
   LOCATION VOL283       VOLUME     490764.536  3762011.432      650.000
   LOCATION VOL284       VOLUME     490900.249  3761957.659      662.000
   LOCATION VOL285       VOLUME     490854.158  3761893.644      668.070
   LOCATION VOL286       VOLUME     491030.840  3761955.098      665.330
   LOCATION VOL287       VOLUME     490987.310  3761868.038      657.040
   LOCATION VOL288       VOLUME     491161.431  3761898.765      667.260
   LOCATION VOL289       VOLUME     491292.023  3761916.689      663.600
   LOCATION VOL290       VOLUME     491020.598  3761732.325      671.440
   LOCATION VOL291       VOLUME     490994.991  3761632.461      670.660
   LOCATION VOL292       VOLUME     491125.583  3761627.340      671.400
   LOCATION VOL293       VOLUME     491120.462  3761824.507      668.400
   LOCATION VOL294       VOLUME     491153.750  3761760.492      670.050
   LOCATION VOL295       VOLUME     491256.174  3761624.779      681.760
   LOCATION VOL296       VOLUME     491284.341  3761757.931      675.940
   LOCATION VOL297       VOLUME     491348.356  3761514.673      659.870
   LOCATION VOL298       VOLUME     491484.069  3761550.521      656.410
   LOCATION VOL299       VOLUME     491617.221  3761627.340      651.700
   LOCATION VOL300       VOLUME     490362.520  3762072.887      667.920
   LOCATION VOL301       VOLUME     490359.959  3761990.947      671.000
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   LOCATION VOL302       VOLUME     490231.928  3761983.265      671.200
   LOCATION VOL303       VOLUME     490229.368  3761875.719      672.750
   LOCATION VOL304       VOLUME     490203.762  3761760.492      674.310
   LOCATION VOL305       VOLUME     490109.019  3761801.462      671.630
   LOCATION VOL306       VOLUME     490132.064  3761916.689      669.570
   LOCATION VOL307       VOLUME     490321.550  3761604.294      679.580
   LOCATION VOL308       VOLUME     490452.141  3761606.855      678.140
   LOCATION VOL309       VOLUME     492633.785  3761896.204      692.130
   LOCATION VOL310       VOLUME     492533.921  3761806.583      685.900
   LOCATION VOL311       VOLUME     492544.163  3761729.764      689.590
   LOCATION VOL312       VOLUME     492633.785  3761755.371      694.170
   LOCATION VOL313       VOLUME     492708.042  3761891.083      694.700
   LOCATION PAREA1       AREAPOLY   490710.926  3762417.252      650.400
   LOCATION PAREA2       AREAPOLY   492614.706  3761961.790      689.240
** Source Parameters **
   SRCPARAM VOL236       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL275       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL276       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL277       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL278       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL279       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL280       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL281       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL282       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL283       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL284       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL285       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL286       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL287       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL288       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL289       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL290       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL291       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL292       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL293       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL294       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL295       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL296       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL297       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL298       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL299       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL300       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL301       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL302       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL303       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL304       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL305       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL306       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL307       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL308       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL309       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL310       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL311       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL312       0.0002795578     5.000    31.816     1.400
   SRCPARAM VOL313       0.0002795578     5.000    31.816     1.400
   SRCPARAM PAREA1       6.6322E-08     0.000        68     1.000
   AREAVERT PAREA1       490710.926 3762417.252 490673.504 3762346.348
   AREAVERT PAREA1       490624.265 3762273.474 490565.178 3762239.992
   AREAVERT PAREA1       490521.847 3762214.387 490407.613 3762135.605
   AREAVERT PAREA1       490248.078 3762060.761 490238.230 3762043.035
   AREAVERT PAREA1       490192.930 3761999.705 490171.265 3761981.979
   AREAVERT PAREA1       490147.630 3761966.222 490125.965 3761966.222
   AREAVERT PAREA1       490039.304 3761765.327 490161.417 3761710.179
   AREAVERT PAREA1       490240.200 3761676.696 490305.195 3761668.818
   AREAVERT PAREA1       490293.378 3761631.396 490253.987 3761603.822
   AREAVERT PAREA1       490265.804 3761568.370 490263.835 3761550.644
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   AREAVERT PAREA1       490289.439 3761528.979 490352.465 3761540.796
   AREAVERT PAREA1       490439.126 3761554.583 490488.365 3761556.553
   AREAVERT PAREA1       490506.091 3761613.670 490508.060 3761680.635
   AREAVERT PAREA1       490246.108 3761698.361 490277.622 3761808.657
   AREAVERT PAREA1       490311.104 3761879.561 490364.282 3761922.892
   AREAVERT PAREA1       490443.065 3761936.679 490561.239 3761942.587
   AREAVERT PAREA1       490661.686 3761950.466 490701.078 3761972.131
   AREAVERT PAREA1       490781.830 3761877.592 490870.460 3761824.414
   AREAVERT PAREA1       490964.999 3761779.114 490923.638 3761572.309
   AREAVERT PAREA1       491260.434 3761558.522 491268.312 3761536.857
   AREAVERT PAREA1       491293.917 3761532.918 491295.886 3761475.801
   AREAVERT PAREA1       491315.582 3761450.196 491386.486 3761493.527
   AREAVERT PAREA1       491435.725 3761501.405 491484.964 3761544.735
   AREAVERT PAREA1       491555.869 3761621.548 491614.955 3761670.788
   AREAVERT PAREA1       491721.312 3761682.605 491713.434 3761700.331
   AREAVERT PAREA1       491575.564 3761666.848 491544.051 3761627.457
   AREAVERT PAREA1       491506.629 3761631.396 491504.660 3761641.244
   AREAVERT PAREA1       491343.156 3761586.096 491317.551 3761712.148
   AREAVERT PAREA1       491289.977 3761745.631 491317.551 3761786.992
   AREAVERT PAREA1       491384.516 3761863.805 491392.395 3761881.531
   AREAVERT PAREA1       491317.551 3761987.887 491240.738 3761952.435
   AREAVERT PAREA1       491183.621 3761960.313 491077.264 3761962.283
   AREAVERT PAREA1       490986.665 3762009.553 490931.517 3762056.822
   AREAVERT PAREA1       490831.069 3762200.600 490771.982 3762301.048
   SRCPARAM PAREA2       6.6322E-08     0.000        12     1.000
   AREAVERT PAREA2       492614.706 3761961.790 492685.019 3761936.678
   AREAVERT PAREA2       492765.378 3761889.802 492641.492 3761677.187
   AREAVERT PAREA2       492577.875 3761667.143 492507.561 3761670.491
   AREAVERT PAREA2       492495.842 3761680.536 492467.382 3761752.523
   AREAVERT PAREA2       492455.663 3761775.961 492527.651 3761876.409
   AREAVERT PAREA2       492571.178 3761906.544 492571.178 3761941.701
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL236       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL236       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL275       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL275       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL276       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL276       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL277       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL277       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL278       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL278       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL279       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL279       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL280       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL280       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL281       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL281       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL282       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL282       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL283       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL283       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL284       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL284       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL285       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL285       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL286       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL286       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL287       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL287       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL288       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL288       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL289       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL289       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL290       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL290       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL291       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL291       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL292       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL292       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL293       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL293       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL294       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL294       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL295       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL295       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL296       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL296       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL297       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL297       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL298       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL298       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL299       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL299       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL300       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL300       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL301       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL301       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL302       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL302       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL303       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL303       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL304       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL304       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL305       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL305       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL306       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL306       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL307       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL307       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL308       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL308       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL309       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL309       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL310       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL310       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL311       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL311       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL312       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL312       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL313       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL313       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Cons PM25 Mit.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH5 CONS PM25 MIT.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph5 Cons PM25 Mit.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     820       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     820       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***
- - - -

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL236	0	0.27956E-03		490631.9	3762017.2	668.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL275	0	0.27956E-03		490713.3	3762364.1	650.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL276	0	0.27956E-03		490624.5	3762230.9	650.9	5.00	31.82	1.40
YES	HRDOW		NO						
VOL277	0	0.27956E-03		490759.6	3762230.9	672.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL278	0	0.27956E-03		490491.3	3762160.6	649.4	5.00	31.82	1.40
YES	HRDOW		NO						
VOL279	0	0.27956E-03		490622.7	3762097.7	672.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL280	0	0.27956E-03		490757.8	3762095.9	659.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL281	0	0.27956E-03		490889.1	3762097.7	651.8	5.00	31.82	1.40
YES	HRDOW		NO						
VOL282	0	0.27956E-03		490491.3	3762027.4	667.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL283	0	0.27956E-03		490764.5	3762011.4	650.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL284	0	0.27956E-03		490900.2	3761957.7	662.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL285	0	0.27956E-03		490854.2	3761893.6	668.1	5.00	31.82	1.40
YES	HRDOW		NO						
VOL286	0	0.27956E-03		491030.8	3761955.1	665.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL287	0	0.27956E-03		490987.3	3761868.0	657.0	5.00	31.82	1.40
YES	HRDOW		NO						
VOL288	0	0.27956E-03		491161.4	3761898.8	667.3	5.00	31.82	1.40
YES	HRDOW		NO						
VOL289	0	0.27956E-03		491292.0	3761916.7	663.6	5.00	31.82	1.40
YES	HRDOW		NO						
VOL290	0	0.27956E-03		491020.6	3761732.3	671.4	5.00	31.82	1.40

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 YES   HRDOW            NO
 VOL291          0   0.27956E-03  490995.0 3761632.5   670.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL292          0   0.27956E-03  491125.6 3761627.3   671.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL293          0   0.27956E-03  491120.5 3761824.5   668.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL294          0   0.27956E-03  491153.8 3761760.5   670.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL295          0   0.27956E-03  491256.2 3761624.8   681.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL296          0   0.27956E-03  491284.3 3761757.9   675.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL297          0   0.27956E-03  491348.4 3761514.7   659.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL298          0   0.27956E-03  491484.1 3761550.5   656.4     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL299          0   0.27956E-03  491617.2 3761627.3   651.7     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL300          0   0.27956E-03  490362.5 3762072.9   667.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL301          0   0.27956E-03  490360.0 3761990.9   671.0     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL302          0   0.27956E-03  490231.9 3761983.3   671.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL303          0   0.27956E-03  490229.4 3761875.7   672.8     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL304          0   0.27956E-03  490203.8 3761760.5   674.3     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL305          0   0.27956E-03  490109.0 3761801.5   671.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL306          0   0.27956E-03  490132.1 3761916.7   669.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL307          0   0.27956E-03  490321.5 3761604.3   679.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL308          0   0.27956E-03  490452.1 3761606.9   678.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL309          0   0.27956E-03  492633.8 3761896.2   692.1     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL310          0   0.27956E-03  492533.9 3761806.6   685.9     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL311          0   0.27956E-03  492544.2 3761729.8   689.6     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL312          0   0.27956E-03  492633.8 3761755.4   694.2     5.00    31.82     1.40
 YES   HRDOW            NO
 VOL313          0   0.27956E-03  492708.0 3761891.1   694.7     5.00    31.82     1.40
 YES   HRDOW            NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:53:26

                      PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.
              URBAN  EMISSION RATE    AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ
   SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
     (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -
```

```
 PAREA1           0   0.66322E-07  490710.9 3762417.3   650.4     0.00      68         1.00
 YES   HRDOW           NO
 PAREA2           0   0.66322E-07  492614.7 3761961.8   689.2     0.00      12         1.00
 YES   HRDOW           NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:53:26

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL236      , VOL275      , VOL276      , VOL277      , VOL278      , VOL279      ,
  VOL280      , VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,

             VOL306      , VOL307      , VOL308      , VOL309      , VOL310      , VOL311      ,
             VOL312      , VOL313      ,

             PAREA1      , PAREA2      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:53:26

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                 SOURCE IDs
  --------   ---------                                 ----------


              2189641.   VOL236      , VOL275      , VOL276      , VOL277      , VOL278      ,
              VOL279      , VOL280      ,
 VOL281      ,

             VOL282      , VOL283      , VOL284      , VOL285      , VOL286      , VOL287      ,
             VOL288      , VOL289      ,

             VOL290      , VOL291      , VOL292      , VOL293      , VOL294      , VOL295      ,
             VOL296      , VOL297      ,

             VOL298      , VOL299      , VOL300      , VOL301      , VOL302      , VOL303      ,
             VOL304      , VOL305      ,

             VOL306      , VOL307      , VOL308      , VOL309      , VOL310      , VOL311      ,
             VOL312      , VOL313      ,
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL275 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL276 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL277 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:53:26

                     PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL278       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:53:26

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL279       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:53:26

                      PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL280       ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL281 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL282 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL283 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL284 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL285 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL286 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL288 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL289 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL290 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL291 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL292 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL294 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL295 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL297 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL298 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL299 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL300 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL301 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL303 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL304 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL305 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL306   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL308 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL309 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL310 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL311 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL312 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL313 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8,	3762037.3,	711.3,	711.3,	2.0);	(493410.0,	3761986.4,	713.0,	713.0,	2.0);
(493417.5,	3761973.0,	713.0,	713.0,	2.0);	(493468.3,	3761958.4,	714.0,	714.0,	2.0);
(493499.8,	3761947.4,	713.9,	713.9,	2.0);	(493614.4,	3761892.8,	711.3,	711.3,	2.0);
(493613.7,	3761905.0,	712.0,	712.0,	2.0);	(493614.4,	3761917.1,	712.9,	712.9,	2.0);
(493614.4,	3761927.4,	713.5,	713.5,	2.0);	(493613.3,	3761940.2,	714.2,	714.2,	2.0);
(493616.5,	3761952.1,	714.8,	714.8,	2.0);	(493615.2,	3761961.7,	715.2,	715.2,	2.0);
(493614.5,	3761973.8,	715.6,	715.6,	2.0);	(493614.0,	3761985.0,	716.0,	716.0,	2.0);
(493613.7,	3761996.5,	716.0,	716.0,	2.0);	(493614.2,	3762007.4,	716.0,	716.0,	2.0);

(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);

(492890.8, 3762203.5, 695.8, 718.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5

```
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:53:26

                      PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL236      , VOL275      ,
                                  VOL276      , VOL277      , VOL278      ,
                    VOL279      , VOL280      , VOL281      , VOL282      , VOL283      ,
                    VOL284      , VOL285      , VOL286      ,
                    VOL287      , VOL288      , VOL289      , VOL290      , VOL291      ,
                    VOL292      , VOL293      , VOL294      ,
                    VOL295      , VOL296      , VOL297      , VOL298      , VOL299      ,
                    VOL300      , VOL301      ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN
                                        MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        0.01103  (15010524)               493409.97
       3761986.39        0.01060  (13111224)
```

493417.46 3761972.99 0.01064 (13111224) 493468.31
3761958.40 0.01047 (13111224)
493499.84 3761947.37 0.01037 (13111224) 493614.36
3761892.81 0.01003 (13111224)
493613.66 3761905.05 0.01001 (13111224) 493614.36
3761917.12 0.00997 (13111224)
493614.36 3761927.44 0.00995 (13111224) 493613.31
3761940.20 0.00992 (13111224)
493616.46 3761952.10 0.00987 (13111224) 493615.23
3761961.71 0.00985 (13111224)
493614.53 3761973.78 0.00982 (13111224) 493614.01
3761984.98 0.00979 (13111224)
493613.66 3761996.52 0.00975 (13111224) 493614.18
3762007.36 0.00971 (13111224)
493615.76 3762018.56 0.00967 (13111224) 493614.71
3762025.73 0.00964 (13111224)
493614.36 3762035.00 0.00961 (13111224) 493613.13
3762043.74 0.00958 (13111224)
493613.66 3762052.14 0.00954 (13111224) 493613.83
3762061.58 0.00950 (13111224)
493614.18 3762071.55 0.00945 (13111224) 493696.46
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493707.35 3761768.92 0.01029 (16030224) 493727.98
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493745.92 3761709.48 0.01031 (16030224) 493741.37
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3761663.91 0.01052 (15012024)
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494473.73 3761368.11 0.00856 (15012024) 494939.85
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494846.18 3761504.63 0.00748 (16030224) 494841.06
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3759357.70 0.00552c (14012924)
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3760420.86 0.01127 (13012524)
487553.10 3761208.24 0.00702 (13012224) 487899.76
3760972.40 0.00773 (15122224)
487983.18 3762301.23 0.01210m (13123124) 487913.66
3762403.25 0.01187m (13123124)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL236 , VOL275 , VOL276 , VOL277 , VOL278 ,
VOL279 , VOL280 , VOL281 , VOL282 , VOL283 ,
VOL284 , VOL285 , VOL286 ,
VOL287 , VOL288 , VOL289 , VOL290 , VOL291 ,
VOL292 , VOL293 , VOL294 ,
VOL295 , VOL296 , VOL297 , VOL298 , VOL299 ,
VOL300 , VOL301 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.01196	(16122224)	491132.33	3762903.51	0.01647	(16122224)
492890.84	3762203.51	0.01326	(12022724)	492961.55	3762258.51	0.01077	(13030724)
493033.99	3762272.60	0.01034	(13030724)	493032.31	3762205.18	0.01042	(13030724)
493087.32	3762215.25	0.01006	(16030324)	493079.94	3762296.41	0.01007	(13030724)
493163.79	3762367.18	0.00963	(13030724)	493068.87	3762510.05	0.00908	(13030724)
493101.07	3762454.71	0.00946	(13030724)	493281.84	3762369.19	0.00907	(13030724)
493351.51	3762095.42	0.01066	(15010524)	493439.48	3762105.84	0.01010	(15010524)
493972.90	3763044.23	0.00615	(16030324)	493957.03	3763184.09	0.00595	(16030324)
493583.55	3763480.45	0.00556	(14100224)	493258.47	3763568.15	0.00625	(14100224)
492895.78	3763485.72	0.00693	(14100224)	493781.01	3761659.05	0.01029	(15012024)
493797.63	3761658.35	0.01021	(15012024)	493831.94	3761631.47	0.01015	(15012024)
493900.20	3761664.01	0.00971	(15012024)	493918.59	3761666.13	0.00963	(16030224)
493929.55	3761662.24	0.00960	(15012024)	493945.82	3761667.90	0.00952	(16030224)

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       493758.37   3761524.30        0.01090  (15012024)                493961.03
       3761672.85        0.00945  (16030224)
       493975.18   3761679.57        0.00938  (16030224)                493987.55
       3761687.70        0.00931  (16030224)
       493998.87   3761697.25        0.00924  (16030224)                494007.71
       3761707.51        0.00917  (16030224)
       494016.91   3761718.12        0.00909  (16030224)                494024.69
       3761730.85        0.00901  (16030224)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:53:26

                     PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_2.5   IN
                                    MICROGRAMS/M**3                          **


                                                    DATE
                                                                                NETWORK
GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.02312  ON 16010524: AT (  489889.72,  3762661.22,
633.96,   683.00,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/20/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:53:26

                     PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          388 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          191 Calm Hours Identified

 A Total of          197 Missing Hours Identified (  0.45 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

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ME W186     820       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     820       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Ops CO\15218
Ph1 Ops CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Ops CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
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   LOCATION VOL67        VOLUME     491836.828  3762255.463      683.430
   LOCATION VOL68        VOLUME     492112.191  3762179.431      689.460
   LOCATION VOL69        VOLUME     491694.375  3762248.627      690.220
   LOCATION VOL70        VOLUME     492517.716  3762136.765      695.740
   LOCATION VOL71        VOLUME     492381.835  3762134.257      693.910
   LOCATION VOL72        VOLUME     492248.462  3762143.468      690.000
   LOCATION VOL73        VOLUME     492653.133  3762004.898      692.950
   LOCATION VOL74        VOLUME     491979.935  3762077.825      692.840
   LOCATION VOL75        VOLUME     491861.261  3762124.498      685.420
   LOCATION VOL76        VOLUME     492112.191  3762045.594      687.570
   LOCATION VOL77        VOLUME     492234.589  3761900.651      682.260
   LOCATION VOL78        VOLUME     492517.716  3762002.928      686.070
   LOCATION VOL79        VOLUME     492381.835  3762000.420      683.700
   LOCATION VOL80        VOLUME     492248.462  3762009.631      684.600
   LOCATION VOL81        VOLUME     492101.142  3761906.638      685.980
   LOCATION VOL82        VOLUME     491981.905  3761950.440      678.750
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   LOCATION VOL84        VOLUME     491928.370  3761984.507      688.230
   LOCATION VOL85        VOLUME     491930.804  3761843.370      679.800
   LOCATION VOL86        VOLUME     491794.533  3761889.605      686.230
   LOCATION VOL87        VOLUME     491658.263  3761877.438      655.890
   LOCATION VOL88        VOLUME     491835.901  3761787.402      683.220
   LOCATION VOL89        VOLUME     491702.064  3761770.368      660.960
   LOCATION VOL90        VOLUME     491592.561  3761743.601      657.910
   LOCATION VOL91        VOLUME     491801.825  3762386.889      675.230
   LOCATION VOL92        VOLUME     492825.779  3761472.781      683.550
   LOCATION VOL93        VOLUME     492967.447  3761484.753      687.340
   LOCATION VOL94        VOLUME     492845.732  3761335.103      686.260
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   LOCATION VOL127       VOLUME     491758.274  3762171.148      686.490
   LOCATION VOL128       VOLUME     491582.685  3762278.896      683.100
   LOCATION VOL129       VOLUME     491540.783  3762416.574      667.010
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   SRCPARAM VOL131       0.0194427329     5.000    31.816     1.400
   SRCPARAM VOL132       0.0194427329     5.000    31.816     1.400
   SRCPARAM VOL133       0.0194427329     5.000    31.816     1.400
   SRCPARAM VOL134       0.0194427329     5.000    31.816     1.400
   SRCPARAM VOL135       0.0194427329     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Ops CO.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH1 OPS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH1 OPS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph1 Ops CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***
```

```
 --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     243       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     243       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:02:34

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    90 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:     90 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     90 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)
```

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph1 Ops
CO.err
**File for Summary of Results: 15218 Ph1 Ops
CO.sum
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 13:02:34

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL4	0	0.19443E-01	492797.1	3762283.9	695.0	5.00	31.82	1.40	YES
VOL5	0	0.19443E-01	493197.6	3761815.0	710.4	5.00	31.82	1.40	YES
VOL6	0	0.19443E-01	492524.0	3762265.1	688.3	5.00	31.82	1.40	YES
VOL7	0	0.19443E-01	492388.1	3762262.6	696.8	5.00	31.82	1.40	YES
VOL8	0	0.19443E-01	492254.8	3762271.8	683.2	5.00	31.82	1.40	YES
VOL9	0	0.19443E-01	493105.9	3761467.1	684.4	5.00	31.82	1.40	YES
VOL10	0	0.19443E-01	493239.1	3761465.8	689.0	5.00	31.82	1.40	YES

VOL11	0	0.19443E-01	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES		NO						
VOL16	0	0.19443E-01	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES		NO						
VOL17	0	0.19443E-01	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES		NO						
VOL18	0	0.19443E-01	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES		NO						
VOL19	0	0.19443E-01	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES		NO						
VOL20	0	0.19443E-01	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES		NO						
VOL21	0	0.19443E-01	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.19443E-01	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.19443E-01	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.19443E-01	493893.2	3761268.9	696.5	5.00	31.82	1.40
YES		NO						
VOL25	0	0.19443E-01	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						
VOL26	0	0.19443E-01	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES		NO						
VOL30	0	0.19443E-01	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES		NO						
VOL31	0	0.19443E-01	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES		NO						
VOL35	0	0.19443E-01	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES		NO						
VOL36	0	0.19443E-01	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES		NO						
VOL37	0	0.19443E-01	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES		NO						
VOL46	0	0.19443E-01	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES		NO						
VOL47	0	0.19443E-01	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES		NO						
VOL48	0	0.19443E-01	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES		NO						
VOL63	0	0.19443E-01	494331.8	3761044.0	704.8	5.00	31.82	1.40
YES		NO						
VOL64	0	0.19443E-01	494299.9	3761440.8	720.2	5.00	31.82	1.40
YES		NO						
VOL65	0	0.19443E-01	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.19443E-01	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.19443E-01	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.19443E-01	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.19443E-01	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.19443E-01	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.19443E-01	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.19443E-01	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL73	0	0.19443E-01	492653.1	3762004.9	692.9	5.00	31.82	1.40
YES		NO						
VOL74	0	0.19443E-01	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.19443E-01	491861.3	3762124.5	685.4	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL76	0	0.19443E-01	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES	NO							
VOL77	0	0.19443E-01	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES	NO							
VOL78	0	0.19443E-01	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES	NO							
VOL79	0	0.19443E-01	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES	NO							
VOL80	0	0.19443E-01	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES	NO							
VOL81	0	0.19443E-01	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES	NO							
VOL82	0	0.19443E-01	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES	NO							
VOL83	0	0.19443E-01	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES	NO							
VOL84	0	0.19443E-01	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES	NO							
VOL85	0	0.19443E-01	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES	NO							
VOL86	0	0.19443E-01	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES	NO							
VOL87	0	0.19443E-01	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES	NO							
VOL88	0	0.19443E-01	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES	NO							
VOL89	0	0.19443E-01	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES	NO							
VOL90	0	0.19443E-01	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES	NO							
VOL91	0	0.19443E-01	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES	NO							
VOL92	0	0.19443E-01	492825.8	3761472.8	683.5	5.00	31.82	1.40
YES	NO							
VOL93	0	0.19443E-01	492967.4	3761484.8	687.3	5.00	31.82	1.40
YES	NO							
VOL94	0	0.19443E-01	492845.7	3761335.1	686.3	5.00	31.82	1.40
YES	NO							
VOL95	0	0.19443E-01	492957.5	3761347.1	682.0	5.00	31.82	1.40
YES	NO							
VOL96	0	0.19443E-01	493053.2	3761341.1	681.6	5.00	31.82	1.40
YES	NO							
VOL97	0	0.19443E-01	492857.7	3761195.4	687.6	5.00	31.82	1.40
YES	NO							
VOL98	0	0.19443E-01	492859.7	3761137.6	695.6	5.00	31.82	1.40
YES	NO							

```
 VOL99           0   0.19443E-01  492951.5 3761205.4   673.1     5.00    31.82     1.40
 YES                   NO
 VOL100          0   0.19443E-01  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES                   NO
 VOL101          0   0.19443E-01  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES                   NO
 VOL112          0   0.19443E-01  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES                   NO
 VOL113          0   0.19443E-01  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES                   NO
 VOL114          0   0.19443E-01  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES                   NO
 VOL115          0   0.19443E-01  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES                   NO
 VOL116          0   0.19443E-01  493536.1 3761806.0   707.0     5.00    31.82     1.40
 YES                   NO
 VOL117          0   0.19443E-01  493402.4 3761816.0   709.7     5.00    31.82     1.40
 YES                   NO
 VOL118          0   0.19443E-01  493061.2 3761839.9   707.9     5.00    31.82     1.40
 YES                   NO
 VOL119          0   0.19443E-01  492923.5 3761867.9   695.9     5.00    31.82     1.40
 YES                   NO
 VOL120          0   0.19443E-01  492783.9 3761903.8   696.3     5.00    31.82     1.40
 YES                   NO
 VOL121          0   0.19443E-01  494266.6 3761195.1   700.3     5.00    31.82     1.40
 YES                   NO
 VOL122          0   0.19443E-01  494394.1 3761261.3   719.9     5.00    31.82     1.40
 YES                   NO
 VOL123          0   0.19443E-01  494442.0 3760954.0   701.9     5.00    31.82     1.40
 YES                   NO
 VOL124          0   0.19443E-01  494499.9 3760866.2   700.7     5.00    31.82     1.40
 YES                   NO
 VOL125          0   0.19443E-01  491616.6 3762019.5   684.2     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:02:34

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
             URBAN  EMISSION RATE   AIRCRAFT
  SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.              (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - -

 VOL126          0   0.19443E-01  491640.5 3762141.2   684.3     5.00    31.82     1.40
 YES                   NO
 VOL127          0   0.19443E-01  491758.3 3762171.1   686.5     5.00    31.82     1.40
 YES                   NO
 VOL128          0   0.19443E-01  491582.7 3762278.9   683.1     5.00    31.82     1.40
 YES                   NO
 VOL129          0   0.19443E-01  491540.8 3762416.6   667.0     5.00    31.82     1.40
 YES                   NO
 VOL130          0   0.19443E-01  491672.5 3762478.4   680.3     5.00    31.82     1.40
 YES                   NO
 VOL131          0   0.19443E-01  491542.8 3762512.3   678.7     5.00    31.82     1.40
 YES                   NO
```

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 VOL132           0   0.19443E-01  494202.6 3761397.0   715.8     5.00    31.82     1.40
 YES                    NO
 VOL133           0   0.19443E-01  494312.7 3760935.8   695.0     5.00    31.82     1.40
 YES                    NO
 VOL134           0   0.19443E-01  493756.1 3761285.4   684.6     5.00    31.82     1.40
 YES                    NO
 VOL135           0   0.19443E-01  491584.8 3761865.1   668.3     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:02:34

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,

             VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
             VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL112      , VOL113      , VOL114      , VOL115      ,
             VOL116      , VOL117      ,

             VOL118      , VOL119      , VOL120      , VOL121      , VOL122      , VOL123      ,
             VOL124      , VOL125      ,

             VOL126      , VOL127      , VOL128      , VOL129      , VOL130      , VOL131      ,
             VOL132      , VOL133      ,

             VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:02:34

                     PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
		VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 ,
		VOL46 , VOL47 , VOL48 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 ,
		VOL68 , VOL69 , VOL70 , VOL71 , VOL72 , VOL73 , VOL74 , VOL75 ,
		VOL76 , VOL77 , VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
		VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
		VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
		VOL100 , VOL101 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
		VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,
		VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 , VOL132 , VOL133 ,
		VOL134 , VOL135 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0,

716.0,   716.0,   2.0);
(493613.7, 3761996.5,   716.0,   716.0,   2.0);   (493614.2, 3762007.4,
716.0,   716.0,   2.0);
(493615.8, 3762018.6,   716.0,   716.0,   2.0);   (493614.7, 3762025.7,
716.1,   716.1,   2.0);
(493614.4, 3762035.0,   716.3,   716.3,   2.0);   (493613.1, 3762043.7,
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(493613.7, 3762052.1,   716.5,   716.5,   2.0);   (493613.8, 3762061.6,
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(493707.3, 3761768.9,   706.9,   725.0,   2.0);   (493728.0, 3761742.8,
710.3,   725.0,   2.0);
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(493745.9, 3761709.5,   711.5,   725.0,   2.0);   (493741.4, 3761696.9,
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(493738.5, 3761681.0,   710.9,   726.0,   2.0);   (493737.4, 3761663.9,
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(493736.5, 3761651.4,   711.4,   726.0,   2.0);   (494418.1, 3761416.1,
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726.8,   740.0,   2.0);
(494686.4, 3761403.4,   733.0,   733.0,   2.0);   (494576.0, 3761568.6,
731.5,   731.5,   2.0);
(494541.5, 3761602.8,   730.6,   730.6,   2.0);   (494822.5, 3761435.2,
735.9,   740.0,   2.0);
(494846.2, 3761504.6,   735.0,   735.0,   2.0);   (494841.1, 3761535.8,
735.0,   735.0,   2.0);
(494837.9, 3761553.1,   735.1,   735.1,   2.0);   (494885.6, 3761199.1,
718.8,   718.8,   2.0);
(494976.7, 3761325.6,   731.5,   732.0,   2.0);   (494985.3, 3761366.2,
730.7,   730.7,   2.0);
(495070.9, 3761299.2,   719.5,   745.0,   2.0);   (495115.5, 3760632.6,
721.9,   721.9,   2.0);
(495069.0, 3760685.3,   721.5,   721.5,   2.0);   (495087.5, 3760728.3,
723.6,   723.6,   2.0);
(495079.9, 3760834.5,   723.0,   729.0,   2.0);   (495202.4, 3760883.6,
731.0,   731.0,   2.0);
(495237.6, 3760939.3,   731.2,   731.2,   2.0);   (495298.5, 3761048.6,
729.3,   732.0,   2.0);
(490844.4, 3759375.8,   587.9,   785.0,   2.0);   (490895.8, 3759357.7,
586.8,   785.0,   2.0);
(490596.7, 3759246.7,   597.3,   785.0,   2.0);   (489103.6, 3759859.2,
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(488432.5, 3759884.3,   559.3,   781.0,   2.0);   (488713.1, 3759827.8,
560.0,   781.0,   2.0);
(487562.3, 3760285.6,   540.4,   775.0,   2.0);   (487809.3, 3760420.9,
541.1,   774.0,   2.0);
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(487983.2, 3762301.2,   555.5,   699.0,   2.0);   (487913.7, 3762403.2,
548.5,   696.0,   2.0);
(487890.6, 3762238.1,   554.6,   699.0,   2.0);   (488190.1, 3762513.9,
548.5,   706.0,   2.0);
(488424.4, 3762586.5,   547.0,   706.0,   2.0);   (488657.5, 3762495.9,
566.8,   706.0,   2.0);
(488908.2, 3762583.2,   569.9,   706.0,   2.0);   (489170.3, 3762660.8,
588.4,   687.0,   2.0);
(489382.2, 3762809.6,   594.9,   686.0,   2.0);   (489294.9, 3762783.6,
591.7,   687.0,   2.0);
(489889.7, 3762661.2,   634.0,   683.0,   2.0);   (490022.9, 3762783.3,
608.4,   683.0,   2.0);
(490424.0, 3762839.2,   608.0,   692.0,   2.0);   (490375.9, 3762870.4,

609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 13:02:34

PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,
719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
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(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,
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(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8,
723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3,
699.1, 708.0, 2.0);
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 *** 10/10/24
*** AERMET - VERSION 16216 ***
*** *** 13:02:34

PAGE 9
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90				

```
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       13:02:34

                     PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                  VOL18       , VOL19       , VOL20       ,
                  VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                  VOL26       , VOL30       , VOL31       ,
                  VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                  VOL48       , VOL63       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF CO       IN
                                     MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
```

```
     (M)        CONC     (YYMMDDHH)
- - - -
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	4.97792	(12121607)	491132.33	3762903.51	4.31270	(14120316)
492828.06	3762200.49	22.23982	(12081401)	492961.55	3762258.51	18.01599	(12081401)
493033.99	3762272.60	20.08954	(13083105)	493032.31	3762205.18	19.22389	(12081001)
493087.32	3762215.25	18.75399	(13083105)	493079.94	3762296.41	19.34165	(12091923)
493163.79	3762367.18	12.61411	(12082922)	493068.87	3762510.05	15.75753	(13071024)
493101.07	3762454.71	17.50012	(13071201)	493281.84	3762369.19	15.59227	(12091923)
493351.51	3762095.42	16.86354	(13072306)	493439.48	3762105.84	15.83251	(13072306)
493972.90	3763044.23	8.84513	(12071206)	493957.03	3763184.09	8.21468	(13083103)
493583.55	3763480.45	5.48501	(12083024)	493258.47	3763568.15	4.57648	(12120617)
492895.78	3763485.72	2.87717	(12080203)	493781.01	3761659.05	22.20827	(13090105)
493797.63	3761658.35	21.93047	(13090105)	493831.94			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	12.69300	(12120324)	493409.97	3761986.39	12.97346	(12120324)
493417.46	3761972.99	13.28789	(12120324)	493468.31	3761958.40	12.69966	(12120324)
493499.84	3761947.37	12.56400	(12120324)	493614.36	3761892.81	12.38876	(12120324)
493613.66	3761905.05	11.86711	(12120324)	493614.36	3761917.12	11.43056	(12120324)
493614.36	3761927.44	11.17648	(12120324)	493613.31	3761940.20	10.85565	(12120324)
493616.46	3761952.10	10.41687	(12120324)	493615.23	3761961.71	10.14820	(12120324)
493614.53	3761973.78	9.83025	(12120324)	493614.01	3761984.98	9.62911c	(13072308)
493613.66	3761996.52	9.46571c	(13072308)	493614.18	3762007.36	9.32312	(13062508)
493615.76	3762018.56	9.23785	(13062508)	493614.71	3762025.73	9.19342	(13062508)
493614.36	3762035.00	9.13528	(13062508)	493613.13	3762043.74	9.08850	(13062508)
493613.66	3762052.14	9.03573	(13062508)	493613.83	3762061.58	8.97978	(13062508)
493614.18	3762071.55	8.92118	(13062508)	493696.46			

3761742.53 12.57228 (16010524)
493707.35 3761768.92 11.46446 (16010524) 493727.98
3761742.80 12.05716 (12120324)
493755.61 3761733.69 12.93520 (12120324) 493750.48
3761720.58 12.54180 (12120324)
493745.92 3761709.48 12.83687 (12120324) 493741.37
3761696.95 13.26370 (12120324)
493738.52 3761681.00 13.68986 (12120324) 493737.38
3761663.91 14.30986 (12120324)
493736.52 3761651.38 14.48994 (12120324) 494418.08
3761416.13 15.17502 (12120324)
494473.73 3761368.11 13.51005 (12120324) 494939.85
3761394.35 7.89351 (12120324)
494686.37 3761403.42 9.60519 (12120324) 494575.98
3761568.60 7.95731 (14112024)
494541.49 3761602.79 7.80460 (14112024) 494822.53
3761435.24 7.81945 (12120324)
494846.18 3761504.63 6.86462 (13080308) 494841.06
3761535.78 6.56722 (13080308)
494837.90 3761553.12 6.41379 (14112024) 494885.61
3761199.09 8.42819 (12120324)
494976.68 3761325.65 8.30188 (12120324) 494985.35
3761366.25 7.88914 (12120324)
495070.90 3761299.23 7.15234 (12120324) 495115.47
3760632.60 8.11548 (13102324)
495069.03 3760685.30 8.69884 (13102324) 495087.55
3760728.31 8.91465 (13102324)
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3760883.65 8.14579 (13102324)
495237.63 3760939.31 7.59221 (13102324) 495298.45
3761048.56 7.01135 (12091208)
490844.43 3759375.83 0.80611c (13120824) 490895.79
3759357.70 0.80866c (13120824)
490596.67 3759246.67 0.76958 (13120208) 489103.59
3759859.22 0.77428 (14021308)
488940.48 3759893.26 0.75989 (14021308) 488472.34
3759865.64 0.70172 (14021308)
488432.53 3759884.27 0.69755 (14021308) 488713.15
3759827.76 0.72615 (14021308)
487562.29 3760285.62 0.47447 (13112408) 487809.35
3760420.86 0.50967 (13112408)
487553.10 3761208.24 0.52489 (12122008) 487899.76
3760972.40 0.53107 (12122008)
487983.18 3762301.23 0.54367 (12122008) 487913.66
3762403.25 0.49550 (12122008)
487890.59 3762238.09 0.54789 (12122008) 488190.14
3762513.88 0.48507 (12122008)
488424.39 3762586.51 0.47566 (12122008) 488657.54
3762495.87 0.56890 (12122008)
488908.17 3762583.23 0.59369 (12010124) 489170.26
3762660.77 0.68878 (12010124)
489382.17 3762809.64 0.75968 (13030724) 489294.91
3762783.65 0.72684 (12010124)
489889.72 3762661.22 1.08717 (14011324) 490022.93
3762783.29 1.08170 (13030724)
490423.96 3762839.25 1.39776 (14120608) 490375.94
3762870.37 1.33493 (14120608)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR

SOURCE GROUP: ALL *** INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 , VOL46 , VOL47 , VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	4.00752	(14120608)	491132.33	3762903.51	2.59340	(14120608)
492828.06	3762200.49	16.73101	(14013008)	492961.55	3762258.51	12.45863	(14013008)
493033.99	3762272.60	12.78873	(14111208)	493032.31	3762205.18	13.15910	(12100724)
493087.32	3762215.25	12.08397	(12100724)	493079.94	3762296.41	11.79198	(14111208)
493163.79	3762367.18	8.10965	(14013008)	493068.87	3762510.05	8.42287	(14013008)
493101.07	3762454.71	9.38194	(14013008)	493281.84	3762369.19	9.00577	(14013008)
493351.51	3762095.42	11.08825	(12120324)	493439.48	3762105.84	9.54688	(13062508)
493972.90	3763044.23	3.06747	(15122508)	493957.03	3763184.09	2.81723	(12103124)
493583.55	3763480.45	2.27360	(16010524)	493258.47	3763568.15	2.10821	(12120624)
492895.78	3763485.72	2.01594	(12120624)	493781.01	3761659.05	14.86777	(12120324)
493797.63	3761658.35	14.52803	(12120324)	493831.94	3761631.47	13.87871	(12120324)
493900.20	3761664.01	12.72334	(12120324)	493918.59	3761666.13	12.56859	(12120324)
493929.55	3761662.24	12.46622	(12120324)	493945.82	3761667.90	12.13089	(12120324)
493758.37	3761524.30	15.37848	(13102324)	493961.03	3761672.85	11.86690	(12120324)
493975.18	3761679.57	11.72939	(12120324)	493987.55	3761687.70	11.43992	(12120324)
493998.87	3761697.25	11.20334	(12120324)	494007.71	3761707.51	10.84431	(12120324)
494016.91	3761718.12	10.46954	(12120324)	494024.69	3761730.85	10.28011	(12100724)
492955.24	3762130.13	14.59544	(12120324)	492955.24	3761996.30	17.65487	(12120324)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID
ALL	1ST HIGH VALUE IS	23.80101	ON 12080101: AT (493758.37, 3761524.30, 724.76, 724.76, 2.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID
ALL	1ST HIGH VALUE IS	17.65487	ON 12120324: AT (492955.24, 3761996.30, 699.15, 708.00, 2.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   243   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   243   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Ops NOX\15218
Ph1 Ops NOX.ADI
**
**************************************
**
**
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** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Ops NOX.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
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   LOCATION VOL64        VOLUME     494299.890  3761440.813      720.200
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   LOCATION VOL67        VOLUME     491836.828  3762255.463      683.430
   LOCATION VOL68        VOLUME     492112.191  3762179.431      689.460
   LOCATION VOL69        VOLUME     491694.375  3762248.627      690.220
   LOCATION VOL70        VOLUME     492517.716  3762136.765      695.740
   LOCATION VOL71        VOLUME     492381.835  3762134.257      693.910
   LOCATION VOL72        VOLUME     492248.462  3762143.468      690.000
   LOCATION VOL73        VOLUME     492653.133  3762004.898      692.950
   LOCATION VOL74        VOLUME     491979.935  3762077.825      692.840
   LOCATION VOL75        VOLUME     491861.261  3762124.498      685.420
   LOCATION VOL76        VOLUME     492112.191  3762045.594      687.570
   LOCATION VOL77        VOLUME     492234.589  3761900.651      682.260
   LOCATION VOL78        VOLUME     492517.716  3762002.928      686.070
   LOCATION VOL79        VOLUME     492381.835  3762000.420      683.700
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   LOCATION VOL81        VOLUME     492101.142  3761906.638      685.980
   LOCATION VOL82        VOLUME     491981.905  3761950.440      678.750
   LOCATION VOL83        VOLUME     491977.038  3761816.603      673.320
   LOCATION VOL84        VOLUME     491928.370  3761984.507      688.230
   LOCATION VOL85        VOLUME     491930.804  3761843.370      679.800
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   LOCATION VOL87        VOLUME     491658.263  3761877.438      655.890
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   LOCATION VOL91        VOLUME     491801.825  3762386.889      675.230
   LOCATION VOL92        VOLUME     492825.779  3761472.781      683.550
   LOCATION VOL93        VOLUME     492967.447  3761484.753      687.340
   LOCATION VOL94        VOLUME     492845.732  3761335.103      686.260
   LOCATION VOL95        VOLUME     492957.471  3761347.075      682.030
   LOCATION VOL96        VOLUME     493053.247  3761341.089      681.650
   LOCATION VOL97        VOLUME     492857.704  3761195.429      687.650
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   LOCATION VOL112       VOLUME     493466.281  3761650.366      709.230
   LOCATION VOL113       VOLUME     493609.945  3761660.342      697.620
   LOCATION VOL114       VOLUME     493635.885  3761530.645      689.730
   LOCATION VOL115       VOLUME     493697.740  3761396.958      687.940
   LOCATION VOL116       VOLUME     493536.118  3761806.002      707.000
   LOCATION VOL117       VOLUME     493402.430  3761815.978      709.730
   LOCATION VOL118       VOLUME     493061.228  3761839.922      707.880
   LOCATION VOL119       VOLUME     492923.550  3761867.857      695.860
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   LOCATION VOL125       VOLUME     491616.605  3762019.503      684.240
   LOCATION VOL126       VOLUME     491640.549  3762141.218      684.320
   LOCATION VOL127       VOLUME     491758.274  3762171.148      686.490
   LOCATION VOL128       VOLUME     491582.685  3762278.896      683.100
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SRCPARAM VOL98        0.0041995094     5.000    31.816     1.400
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SRCPARAM VOL101       0.0041995094     5.000    31.816     1.400
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SRCPARAM VOL114       0.0041995094     5.000    31.816     1.400
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   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Ops NOX.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH1 OPS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph1 Ops NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------
```

```
 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     243       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     243       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:07:25

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    90 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NOX

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:     90 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     90 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.
```

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ; Decay Coef. =
0.000   ; Rot. Angle =   0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor =   0.10000E+07
Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph1 Ops
NOX.err
**File for Summary of Results: 15218 Ph1 Ops
NOX.sum
FF *** AERMOD - VERSION 23132 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 ***   10/10/24
*** AERMET - VERSION 16216 ***
***   ***   13:07:25

PAGE   2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL4	0	0.41995E-02	NO	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES									
VOL5	0	0.41995E-02	NO	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES									
VOL6	0	0.41995E-02	NO	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES									
VOL7	0	0.41995E-02	NO	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES									
VOL8	0	0.41995E-02	NO	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES									
VOL9	0	0.41995E-02	NO	493105.9	3761467.1	684.4	5.00	31.82	1.40
YES									
VOL10	0	0.41995E-02	NO	493239.1	3761465.8	689.0	5.00	31.82	1.40
YES									
VOL11	0	0.41995E-02	NO	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES									

VOL16	0	0.41995E-02	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES		NO						
VOL17	0	0.41995E-02	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES		NO						
VOL18	0	0.41995E-02	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES		NO						
VOL19	0	0.41995E-02	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES		NO						
VOL20	0	0.41995E-02	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES		NO						
VOL21	0	0.41995E-02	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.41995E-02	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.41995E-02	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.41995E-02	493893.2	3761268.9	696.5	5.00	31.82	1.40
YES		NO						
VOL25	0	0.41995E-02	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						
VOL26	0	0.41995E-02	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES		NO						
VOL30	0	0.41995E-02	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES		NO						
VOL31	0	0.41995E-02	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES		NO						
VOL35	0	0.41995E-02	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES		NO						
VOL36	0	0.41995E-02	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES		NO						
VOL37	0	0.41995E-02	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES		NO						
VOL46	0	0.41995E-02	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES		NO						
VOL47	0	0.41995E-02	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES		NO						
VOL48	0	0.41995E-02	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES		NO						
VOL63	0	0.41995E-02	494331.8	3761044.0	704.8	5.00	31.82	1.40
YES		NO						
VOL64	0	0.41995E-02	494299.9	3761440.8	720.2	5.00	31.82	1.40
YES		NO						
VOL65	0	0.41995E-02	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.41995E-02	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.41995E-02	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.41995E-02	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.41995E-02	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.41995E-02	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.41995E-02	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.41995E-02	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL73	0	0.41995E-02	492653.1	3762004.9	692.9	5.00	31.82	1.40
YES		NO						
VOL74	0	0.41995E-02	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.41995E-02	491861.3	3762124.5	685.4	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL76	0	0.41995E-02	492112.2	3762045.6	687.6	5.00	31.82	1.40	YES
VOL77	0	0.41995E-02	492234.6	3761900.7	682.3	5.00	31.82	1.40	YES
VOL78	0	0.41995E-02	492517.7	3762002.9	686.1	5.00	31.82	1.40	YES
VOL79	0	0.41995E-02	492381.8	3762000.4	683.7	5.00	31.82	1.40	YES
VOL80	0	0.41995E-02	492248.5	3762009.6	684.6	5.00	31.82	1.40	YES
VOL81	0	0.41995E-02	492101.1	3761906.6	686.0	5.00	31.82	1.40	YES
VOL82	0	0.41995E-02	491981.9	3761950.4	678.8	5.00	31.82	1.40	YES
VOL83	0	0.41995E-02	491977.0	3761816.6	673.3	5.00	31.82	1.40	YES
VOL84	0	0.41995E-02	491928.4	3761984.5	688.2	5.00	31.82	1.40	YES
VOL85	0	0.41995E-02	491930.8	3761843.4	679.8	5.00	31.82	1.40	YES
VOL86	0	0.41995E-02	491794.5	3761889.6	686.2	5.00	31.82	1.40	YES
VOL87	0	0.41995E-02	491658.3	3761877.4	655.9	5.00	31.82	1.40	YES
VOL88	0	0.41995E-02	491835.9	3761787.4	683.2	5.00	31.82	1.40	YES
VOL89	0	0.41995E-02	491702.1	3761770.4	661.0	5.00	31.82	1.40	YES
VOL90	0	0.41995E-02	491592.6	3761743.6	657.9	5.00	31.82	1.40	YES
VOL91	0	0.41995E-02	491801.8	3762386.9	675.2	5.00	31.82	1.40	YES
VOL92	0	0.41995E-02	492825.8	3761472.8	683.5	5.00	31.82	1.40	YES
VOL93	0	0.41995E-02	492967.4	3761484.8	687.3	5.00	31.82	1.40	YES
VOL94	0	0.41995E-02	492845.7	3761335.1	686.3	5.00	31.82	1.40	YES
VOL95	0	0.41995E-02	492957.5	3761347.1	682.0	5.00	31.82	1.40	YES
VOL96	0	0.41995E-02	493053.2	3761341.1	681.6	5.00	31.82	1.40	YES
VOL97	0	0.41995E-02	492857.7	3761195.4	687.6	5.00	31.82	1.40	YES
VOL98	0	0.41995E-02	492859.7	3761137.6	695.6	5.00	31.82	1.40	YES
VOL99	0	0.41995E-02	492951.5	3761205.4	673.1	5.00	31.82	1.40	YES

```
 VOL100          0   0.41995E-02  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES                   NO
 VOL101          0   0.41995E-02  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES                   NO
 VOL112          0   0.41995E-02  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES                   NO
 VOL113          0   0.41995E-02  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES                   NO
 VOL114          0   0.41995E-02  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES                   NO
 VOL115          0   0.41995E-02  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES                   NO
 VOL116          0   0.41995E-02  493536.1 3761806.0   707.0     5.00    31.82     1.40
 YES                   NO
 VOL117          0   0.41995E-02  493402.4 3761816.0   709.7     5.00    31.82     1.40
 YES                   NO
 VOL118          0   0.41995E-02  493061.2 3761839.9   707.9     5.00    31.82     1.40
 YES                   NO
 VOL119          0   0.41995E-02  492923.5 3761867.9   695.9     5.00    31.82     1.40
 YES                   NO
 VOL120          0   0.41995E-02  492783.9 3761903.8   696.3     5.00    31.82     1.40
 YES                   NO
 VOL121          0   0.41995E-02  494266.6 3761195.1   700.3     5.00    31.82     1.40
 YES                   NO
 VOL122          0   0.41995E-02  494394.1 3761261.3   719.9     5.00    31.82     1.40
 YES                   NO
 VOL123          0   0.41995E-02  494442.0 3760954.0   701.9     5.00    31.82     1.40
 YES                   NO
 VOL124          0   0.41995E-02  494499.9 3760866.2   700.7     5.00    31.82     1.40
 YES                   NO
 VOL125          0   0.41995E-02  491616.6 3762019.5   684.2     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:07:25

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -

 VOL126          0   0.41995E-02  491640.5 3762141.2   684.3     5.00    31.82     1.40
 YES                   NO
 VOL127          0   0.41995E-02  491758.3 3762171.1   686.5     5.00    31.82     1.40
 YES                   NO
 VOL128          0   0.41995E-02  491582.7 3762278.9   683.1     5.00    31.82     1.40
 YES                   NO
 VOL129          0   0.41995E-02  491540.8 3762416.6   667.0     5.00    31.82     1.40
 YES                   NO
 VOL130          0   0.41995E-02  491672.5 3762478.4   680.3     5.00    31.82     1.40
 YES                   NO
 VOL131          0   0.41995E-02  491542.8 3762512.3   678.7     5.00    31.82     1.40
 YES                   NO
 VOL132          0   0.41995E-02  494202.6 3761397.0   715.8     5.00    31.82     1.40
 YES                   NO
```

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 VOL133           0   0.41995E-02  494312.7 3760935.8   695.0     5.00    31.82     1.40
 YES                    NO
 VOL134           0   0.41995E-02  493756.1 3761285.4   684.6     5.00    31.82     1.40
 YES                    NO
 VOL135           0   0.41995E-02  491584.8 3761865.1   668.3     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:07:25

                      PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,

             VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
             VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL112      , VOL113      , VOL114      , VOL115      ,
             VOL116      , VOL117      ,

             VOL118      , VOL119      , VOL120      , VOL121      , VOL122      , VOL123      ,
             VOL124      , VOL125      ,

             VOL126      , VOL127      , VOL128      , VOL129      , VOL130      , VOL131      ,
             VOL132      , VOL133      ,

             VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:07:25

                      PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***
```

2189641. VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,

VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,

VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 , VOL37 ,

VOL46 , VOL47 , VOL48 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 ,

VOL68 , VOL69 , VOL70 , VOL71 , VOL72 , VOL73 , VOL74 , VOL75 ,

VOL76 , VOL77 , VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,

VOL84 , VOL85 , VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,

VOL92 , VOL93 , VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,

VOL100 , VOL101 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 , VOL132 , VOL133 ,

VOL134 , VOL135 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4,

716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7,
716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7,
716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6,
716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5,
707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8,
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(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
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(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
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(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
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(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
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(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
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(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
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(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
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(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
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(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
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(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
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(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
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(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,

624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10				

```
 81.   10.1  289.1    5.5
12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
72.    9.1  295.1    5.5
12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
78.   10.1  297.9    5.5
12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
333.    9.1  299.4    5.5
12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
72.    9.1  300.4    5.5
12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
277.    9.1  301.0    5.5
12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
243.    9.1  301.0    5.5
12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
274.    9.1  300.1    5.5
12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:07:25

                      PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                 VOL6        , VOL7        , VOL8        ,
                   VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                   VOL18       , VOL19       , VOL20       ,
                   VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                   VOL26       , VOL30       , VOL31       ,
                   VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                   VOL48       , VOL63       ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF NOX      IN
                                       MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - -

493343.85	3762037.28	3.87675	(13072306)	493409.97
3761986.39	3.97179	(13072306)		
493417.46	3761972.99	4.03450	(13072306)	493468.31
3761958.40	3.93293	(13072306)		
493499.84	3761947.37	3.87988	(13072306)	493614.36
3761892.81	4.06152	(12022716)		
493613.66	3761905.05	3.90569	(12080203)	493614.36
3761917.12	3.97894	(12080203)		
493614.36	3761927.44	3.92942	(12080203)	493613.31
3761940.20	3.84513	(12080203)		
493616.46	3761952.10	3.76188	(12080203)	493615.23
3761961.71	3.69139	(12080203)		
493614.53	3761973.78	3.60245	(12080203)	493614.01
3761984.98	3.52374	(12080203)		
493613.66	3761996.52	3.45859	(12080704)	493614.18
3762007.36	3.39900	(12080704)		
493615.76	3762018.56	3.34083	(12080704)	493614.71
3762025.73	3.31045	(12080704)		
493614.36	3762035.00	3.27144	(12080704)	493613.13
3762043.74	3.23641	(12080704)		
493613.66	3762052.14	3.20441	(12080704)	493613.83
3762061.58	3.17055	(12080704)		
493614.18	3762071.55	3.13657	(12080704)	493696.46
3761742.53	4.69933	(13020219)		
493707.35	3761768.92	4.29982	(13020219)	493727.98
3761742.80	4.38981	(12080806)		
493755.61	3761733.69	4.12627	(13083103)	493750.48
3761720.58	4.16518	(12081724)		
493745.92	3761709.48	4.21891	(12081724)	493741.37
3761696.95	4.25122	(12081724)		
493738.52	3761681.00	4.28146	(12071206)	493737.38
3761663.91	4.35137	(12071206)		
493736.52	3761651.38	4.40012	(12071206)	494418.08
3761416.13	4.23573	(12080701)		
494473.73	3761368.11	3.94532	(12080701)	494939.85
3761394.35	2.48884	(12090520)		
494686.37	3761403.42	3.04556	(13090105)	494575.98
3761568.60	2.76429	(13090106)		
494541.49	3761602.79	2.76488	(13090106)	494822.53
3761435.24	2.64758	(13070201)		
494846.18	3761504.63	2.47049	(13090106)	494841.06
3761535.78	2.41405	(13090106)		
494837.90	3761553.12	2.37922	(13090106)	494885.61
3761199.09	2.58364	(13090105)		
494976.68	3761325.65	2.61729	(13090105)	494985.35
3761366.25	2.53291	(12090520)		
495070.90	3761299.23	2.17750	(12080502)	495115.47
3760632.60	3.24262	(12102001)		
495069.03	3760685.30	3.32433	(12102001)	495087.55
3760728.31	3.27811	(13082005)		
495079.90	3760834.52	3.10514	(13070823)	495202.38
3760883.65	2.93134	(13070823)		
495237.63	3760939.31	2.82362	(13072504)	495298.45
3761048.56	2.60440	(13090105)		
490844.43	3759375.83	0.23887	(12030319)	490895.79
3759357.70	0.23545	(12030319)		
490596.67	3759246.67	0.23221	(12030319)	489103.59
3759859.22	0.21233	(14021304)		
488940.48	3759893.26	0.20587	(14021304)	488472.34
3759865.64	0.20365	(16090507)		
488432.53	3759884.27	0.20465	(16090507)	488713.15
3759827.76	0.19727	(13122605)		
487562.29	3760285.62	0.20090	(14090307)	487809.35
3760420.86	0.20862	(14090307)		
487553.10	3761208.24	0.19895	(14011223)	487899.76

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.07520	(12121607)	491132.33	3762903.51	0.93152	(14120316)
492828.06	3762200.49	4.80366	(12081401)	492961.55	3762258.51	3.89134	(12081401)
493033.99	3762272.60	4.33922	(13083105)	493032.31	3762205.18	4.15224	(12081001)
493087.32	3762215.25	4.05074	(13083105)	493079.94	3762296.41	4.17768	(12091923)
493163.79	3762367.18	2.72457	(12082922)	493068.87	3762510.05	3.40353	(13071024)
493101.07	3762454.71	3.77992	(13071201)	493281.84	3762369.19	3.36783	(12091923)
493351.51	3762095.42	3.64242	(13072306)	493439.48	3762105.84	3.41972	(13072306)
493972.90	3763044.23	1.91049	(12071206)	493957.03	3763184.09	1.77432	(13083103)
493583.55	3763480.45	1.18473	(12083024)	493258.47	3763568.15	0.98849	(12120617)
492895.78	3763485.72	0.62145	(12080203)	493781.01	3761659.05	4.79685	(13090105)
493797.63	3761658.35	4.73685	(13090105)	493831.94	3761631.47	4.72243	(13090105)
493900.20	3761664.01	4.21717	(12090520)	493918.59			

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        3761666.13        4.12446  (12090520)
        493929.55   3761662.24        4.05220  (12090520)                493945.82
        3761667.90        4.03534  (12090520)
        493758.37   3761524.30        5.14087  (12080101)                493961.03
        3761672.85        3.97582  (12090520)
        493975.18   3761679.57        3.88630  (12090520)                493987.55
        3761687.70        3.82247  (13090106)
        493998.87   3761697.25        3.73658  (13090106)                494007.71
        3761707.51        3.68253  (13090106)
        494016.91   3761718.12        3.60812  (13090106)                494024.69
        3761730.85        3.52665  (12081902)
        492955.24   3762130.13        4.25552  (12100622)                492955.24
        3761996.30        4.55196  (13090721)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                        ***        13:07:25

                      PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                     ** CONC OF NOX      IN
                                     MICROGRAMS/M**3                          **


                                                      DATE
                                                                                NETWORK
GROUP ID                              AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       5.14087  ON 12080101: AT (  493758.37,  3761524.30,
724.76,   724.76,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                        ***        13:07:25

                      PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          388 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          191 Calm Hours Identified

 A Total of          197 Missing Hours Identified (  0.45 Percent)
```

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186     243       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     243       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Ops PM10\15218
Ph1 Ops PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Ops PM10.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
```

```
   LOCATION VOL64        VOLUME     494299.890  3761440.813      720.200
   LOCATION VOL65        VOLUME     492653.133  3762138.735      689.140
   LOCATION VOL66        VOLUME     491979.935  3762211.662      686.940
   LOCATION VOL67        VOLUME     491836.828  3762255.463      683.430
   LOCATION VOL68        VOLUME     492112.191  3762179.431      689.460
   LOCATION VOL69        VOLUME     491694.375  3762248.627      690.220
   LOCATION VOL70        VOLUME     492517.716  3762136.765      695.740
   LOCATION VOL71        VOLUME     492381.835  3762134.257      693.910
   LOCATION VOL72        VOLUME     492248.462  3762143.468      690.000
   LOCATION VOL73        VOLUME     492653.133  3762004.898      692.950
   LOCATION VOL74        VOLUME     491979.935  3762077.825      692.840
   LOCATION VOL75        VOLUME     491861.261  3762124.498      685.420
   LOCATION VOL76        VOLUME     492112.191  3762045.594      687.570
   LOCATION VOL77        VOLUME     492234.589  3761900.651      682.260
   LOCATION VOL78        VOLUME     492517.716  3762002.928      686.070
   LOCATION VOL79        VOLUME     492381.835  3762000.420      683.700
   LOCATION VOL80        VOLUME     492248.462  3762009.631      684.600
   LOCATION VOL81        VOLUME     492101.142  3761906.638      685.980
   LOCATION VOL82        VOLUME     491981.905  3761950.440      678.750
   LOCATION VOL83        VOLUME     491977.038  3761816.603      673.320
   LOCATION VOL84        VOLUME     491928.370  3761984.507      688.230
   LOCATION VOL85        VOLUME     491930.804  3761843.370      679.800
   LOCATION VOL86        VOLUME     491794.533  3761889.605      686.230
   LOCATION VOL87        VOLUME     491658.263  3761877.438      655.890
   LOCATION VOL88        VOLUME     491835.901  3761787.402      683.220
   LOCATION VOL89        VOLUME     491702.064  3761770.368      660.960
   LOCATION VOL90        VOLUME     491592.561  3761743.601      657.910
   LOCATION VOL91        VOLUME     491801.825  3762386.889      675.230
   LOCATION VOL92        VOLUME     492825.779  3761472.781      683.550
   LOCATION VOL93        VOLUME     492967.447  3761484.753      687.340
   LOCATION VOL94        VOLUME     492845.732  3761335.103      686.260
   LOCATION VOL95        VOLUME     492957.471  3761347.075      682.030
   LOCATION VOL96        VOLUME     493053.247  3761341.089      681.650
   LOCATION VOL97        VOLUME     492857.704  3761195.429      687.650
   LOCATION VOL98        VOLUME     492859.699  3761137.564      695.600
   LOCATION VOL99        VOLUME     492951.485  3761205.406      673.090
   LOCATION VOL100       VOLUME     493055.242  3761201.415      681.890
   LOCATION VOL101       VOLUME     492999.373  3761127.588      677.270
   LOCATION VOL112       VOLUME     493466.281  3761650.366      709.230
   LOCATION VOL113       VOLUME     493609.945  3761660.342      697.620
   LOCATION VOL114       VOLUME     493635.885  3761530.645      689.730
   LOCATION VOL115       VOLUME     493697.740  3761396.958      687.940
   LOCATION VOL116       VOLUME     493536.118  3761806.002      707.000
   LOCATION VOL117       VOLUME     493402.430  3761815.978      709.730
   LOCATION VOL118       VOLUME     493061.228  3761839.922      707.880
   LOCATION VOL119       VOLUME     492923.550  3761867.857      695.860
   LOCATION VOL120       VOLUME     492783.876  3761903.773      696.290
   LOCATION VOL121       VOLUME     494266.597  3761195.116      700.290
   LOCATION VOL122       VOLUME     494394.112  3761261.275      719.950
   LOCATION VOL123       VOLUME     494442.000  3760953.994      701.880
   LOCATION VOL124       VOLUME     494499.865  3760866.199      700.670
   LOCATION VOL125       VOLUME     491616.605  3762019.503      684.240
   LOCATION VOL126       VOLUME     491640.549  3762141.218      684.320
   LOCATION VOL127       VOLUME     491758.274  3762171.148      686.490
   LOCATION VOL128       VOLUME     491582.685  3762278.896      683.100
   LOCATION VOL129       VOLUME     491540.783  3762416.574      667.010
   LOCATION VOL130       VOLUME     491672.475  3762478.430      680.300
   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
   LOCATION VOL134       VOLUME     493756.133  3761285.416      684.640
   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
** Source Parameters **
   SRCPARAM VOL4         0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL5         0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL6         0.0009336443     5.000    31.816     1.400
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SRCPARAM VOL7         0.0009336443     5.000    31.816     1.400
SRCPARAM VOL8         0.0009336443     5.000    31.816     1.400
SRCPARAM VOL9         0.0009336443     5.000    31.816     1.400
SRCPARAM VOL10        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL11        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL16        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL17        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL18        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL19        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL20        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL21        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL22        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL23        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL24        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL25        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL26        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL30        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL31        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL35        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL36        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL37        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL46        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL47        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL48        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL63        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL64        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL65        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL66        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL67        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL68        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL69        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL70        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL71        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL72        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL73        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL74        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL75        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL76        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL77        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL78        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL79        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL80        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL81        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL82        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL83        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL84        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL85        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL86        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL87        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL88        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL89        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL90        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL91        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL92        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL93        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL94        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL95        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL96        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL97        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL98        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL99        0.0009336443     5.000    31.816     1.400
SRCPARAM VOL100       0.0009336443     5.000    31.816     1.400
SRCPARAM VOL101       0.0009336443     5.000    31.816     1.400
SRCPARAM VOL112       0.0009336443     5.000    31.816     1.400
SRCPARAM VOL113       0.0009336443     5.000    31.816     1.400
SRCPARAM VOL114       0.0009336443     5.000    31.816     1.400
```

```
   SRCPARAM VOL115       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL116       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL117       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL118       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL119       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL120       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL121       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL122       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL123       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL124       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL125       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL126       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL127       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL128       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL129       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL130       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL131       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL132       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL133       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL134       0.0009336443     5.000    31.816     1.400
   SRCPARAM VOL135       0.0009336443     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Ops PM10.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH1 OPS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph1 Ops PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------
```

```
 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     243       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     243       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:40:21

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    90 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:     90 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     90 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.
```

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ; Decay Coef. =
0.000   ; Rot. Angle =   0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor =   0.10000E+07
Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph1 Ops
PM10.err
**File for Summary of Results: 15218 Ph1 Ops
PM10.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL4	0	0.93364E-03	NO	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES									
VOL5	0	0.93364E-03	NO	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES									
VOL6	0	0.93364E-03	NO	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES									
VOL7	0	0.93364E-03	NO	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES									
VOL8	0	0.93364E-03	NO	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES									
VOL9	0	0.93364E-03	NO	493105.9	3761467.1	684.4	5.00	31.82	1.40
YES									
VOL10	0	0.93364E-03	NO	493239.1	3761465.8	689.0	5.00	31.82	1.40
YES									
VOL11	0	0.93364E-03	NO	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES									

VOL16	0	0.93364E-03	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES		NO						
VOL17	0	0.93364E-03	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES		NO						
VOL18	0	0.93364E-03	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES		NO						
VOL19	0	0.93364E-03	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES		NO						
VOL20	0	0.93364E-03	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES		NO						
VOL21	0	0.93364E-03	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.93364E-03	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.93364E-03	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.93364E-03	493893.2	3761268.9	696.5	5.00	31.82	1.40
YES		NO						
VOL25	0	0.93364E-03	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						
VOL26	0	0.93364E-03	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES		NO						
VOL30	0	0.93364E-03	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES		NO						
VOL31	0	0.93364E-03	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES		NO						
VOL35	0	0.93364E-03	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES		NO						
VOL36	0	0.93364E-03	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES		NO						
VOL37	0	0.93364E-03	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES		NO						
VOL46	0	0.93364E-03	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES		NO						
VOL47	0	0.93364E-03	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES		NO						
VOL48	0	0.93364E-03	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES		NO						
VOL63	0	0.93364E-03	494331.8	3761044.0	704.8	5.00	31.82	1.40
YES		NO						
VOL64	0	0.93364E-03	494299.9	3761440.8	720.2	5.00	31.82	1.40
YES		NO						
VOL65	0	0.93364E-03	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.93364E-03	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.93364E-03	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.93364E-03	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.93364E-03	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.93364E-03	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.93364E-03	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.93364E-03	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL73	0	0.93364E-03	492653.1	3762004.9	692.9	5.00	31.82	1.40
YES		NO						
VOL74	0	0.93364E-03	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.93364E-03	491861.3	3762124.5	685.4	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SOURCE SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL76	0 YES	0.93364E-03	492112.2	3762045.6	687.6	5.00	31.82	1.40
VOL77	0 YES	0.93364E-03	492234.6	3761900.7	682.3	5.00	31.82	1.40
VOL78	0 YES	0.93364E-03	492517.7	3762002.9	686.1	5.00	31.82	1.40
VOL79	0 YES	0.93364E-03	492381.8	3762000.4	683.7	5.00	31.82	1.40
VOL80	0 YES	0.93364E-03	492248.5	3762009.6	684.6	5.00	31.82	1.40
VOL81	0 YES	0.93364E-03	492101.1	3761906.6	686.0	5.00	31.82	1.40
VOL82	0 YES	0.93364E-03	491981.9	3761950.4	678.8	5.00	31.82	1.40
VOL83	0 YES	0.93364E-03	491977.0	3761816.6	673.3	5.00	31.82	1.40
VOL84	0 YES	0.93364E-03	491928.4	3761984.5	688.2	5.00	31.82	1.40
VOL85	0 YES	0.93364E-03	491930.8	3761843.4	679.8	5.00	31.82	1.40
VOL86	0 YES	0.93364E-03	491794.5	3761889.6	686.2	5.00	31.82	1.40
VOL87	0 YES	0.93364E-03	491658.3	3761877.4	655.9	5.00	31.82	1.40
VOL88	0 YES	0.93364E-03	491835.9	3761787.4	683.2	5.00	31.82	1.40
VOL89	0 YES	0.93364E-03	491702.1	3761770.4	661.0	5.00	31.82	1.40
VOL90	0 YES	0.93364E-03	491592.6	3761743.6	657.9	5.00	31.82	1.40
VOL91	0 YES	0.93364E-03	491801.8	3762386.9	675.2	5.00	31.82	1.40
VOL92	0 YES	0.93364E-03	492825.8	3761472.8	683.5	5.00	31.82	1.40
VOL93	0 YES	0.93364E-03	492967.4	3761484.8	687.3	5.00	31.82	1.40
VOL94	0 YES	0.93364E-03	492845.7	3761335.1	686.3	5.00	31.82	1.40
VOL95	0 YES	0.93364E-03	492957.5	3761347.1	682.0	5.00	31.82	1.40
VOL96	0 YES	0.93364E-03	493053.2	3761341.1	681.6	5.00	31.82	1.40
VOL97	0 YES	0.93364E-03	492857.7	3761195.4	687.6	5.00	31.82	1.40
VOL98	0 YES	0.93364E-03	492859.7	3761137.6	695.6	5.00	31.82	1.40
VOL99	0 YES	0.93364E-03	492951.5	3761205.4	673.1	5.00	31.82	1.40

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 VOL100          0   0.93364E-03  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES                   NO
 VOL101          0   0.93364E-03  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES                   NO
 VOL112          0   0.93364E-03  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES                   NO
 VOL113          0   0.93364E-03  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES                   NO
 VOL114          0   0.93364E-03  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES                   NO
 VOL115          0   0.93364E-03  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES                   NO
 VOL116          0   0.93364E-03  493536.1 3761806.0   707.0     5.00    31.82     1.40
 YES                   NO
 VOL117          0   0.93364E-03  493402.4 3761816.0   709.7     5.00    31.82     1.40
 YES                   NO
 VOL118          0   0.93364E-03  493061.2 3761839.9   707.9     5.00    31.82     1.40
 YES                   NO
 VOL119          0   0.93364E-03  492923.5 3761867.9   695.9     5.00    31.82     1.40
 YES                   NO
 VOL120          0   0.93364E-03  492783.9 3761903.8   696.3     5.00    31.82     1.40
 YES                   NO
 VOL121          0   0.93364E-03  494266.6 3761195.1   700.3     5.00    31.82     1.40
 YES                   NO
 VOL122          0   0.93364E-03  494394.1 3761261.3   719.9     5.00    31.82     1.40
 YES                   NO
 VOL123          0   0.93364E-03  494442.0 3760954.0   701.9     5.00    31.82     1.40
 YES                   NO
 VOL124          0   0.93364E-03  494499.9 3760866.2   700.7     5.00    31.82     1.40
 YES                   NO
 VOL125          0   0.93364E-03  491616.6 3762019.5   684.2     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:40:21

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -

 VOL126          0   0.93364E-03  491640.5 3762141.2   684.3     5.00    31.82     1.40
 YES                   NO
 VOL127          0   0.93364E-03  491758.3 3762171.1   686.5     5.00    31.82     1.40
 YES                   NO
 VOL128          0   0.93364E-03  491582.7 3762278.9   683.1     5.00    31.82     1.40
 YES                   NO
 VOL129          0   0.93364E-03  491540.8 3762416.6   667.0     5.00    31.82     1.40
 YES                   NO
 VOL130          0   0.93364E-03  491672.5 3762478.4   680.3     5.00    31.82     1.40
 YES                   NO
 VOL131          0   0.93364E-03  491542.8 3762512.3   678.7     5.00    31.82     1.40
 YES                   NO
 VOL132          0   0.93364E-03  494202.6 3761397.0   715.8     5.00    31.82     1.40
 YES                   NO
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 VOL133           0   0.93364E-03  494312.7 3760935.8   695.0     5.00    31.82     1.40
 YES                    NO
 VOL134           0   0.93364E-03  493756.1 3761285.4   684.6     5.00    31.82     1.40
 YES                    NO
 VOL135           0   0.93364E-03  491584.8 3761865.1   668.3     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                        ***       13:40:21

                      PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------

  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,

             VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
             VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL112      , VOL113      , VOL114      , VOL115      ,
             VOL116      , VOL117      ,

             VOL118      , VOL119      , VOL120      , VOL121      , VOL122      , VOL123      ,
             VOL124      , VOL125      ,

             VOL126      , VOL127      , VOL128      , VOL129      , VOL130      , VOL131      ,
             VOL132      , VOL133      ,

             VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                        ***       13:40:21

                      PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***
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            2189641.   VOL4   , VOL5   , VOL6   , VOL7   , VOL8   ,
            VOL9   , VOL10   ,
VOL11   ,

            VOL16   , VOL17   , VOL18   , VOL19   , VOL20   , VOL21   ,
            VOL22   , VOL23   ,

            VOL24   , VOL25   , VOL26   , VOL30   , VOL31   , VOL35   ,
            VOL36   , VOL37   ,

            VOL46   , VOL47   , VOL48   , VOL63   , VOL64   , VOL65   ,
            VOL66   , VOL67   ,

            VOL68   , VOL69   , VOL70   , VOL71   , VOL72   , VOL73   ,
            VOL74   , VOL75   ,

            VOL76   , VOL77   , VOL78   , VOL79   , VOL80   , VOL81   ,
            VOL82   , VOL83   ,

            VOL84   , VOL85   , VOL86   , VOL87   , VOL88   , VOL89   ,
            VOL90   , VOL91   ,

            VOL92   , VOL93   , VOL94   , VOL95   , VOL96   , VOL97   ,
            VOL98   , VOL99   ,

            VOL100   , VOL101   , VOL112   , VOL113   , VOL114   , VOL115   ,
            VOL116   , VOL117   ,

            VOL118   , VOL119   , VOL120   , VOL121   , VOL122   , VOL123   ,
            VOL124   , VOL125   ,

            VOL126   , VOL127   , VOL128   , VOL129   , VOL130   , VOL131   ,
            VOL132   , VOL133   ,

            VOL134   , VOL135   ,

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

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(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,

624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10				

```
 81.   10.1  289.1    5.5
12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
72.    9.1  295.1    5.5
12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
78.   10.1  297.9    5.5
12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
333.    9.1  299.4    5.5
12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
72.    9.1  300.4    5.5
12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
277.    9.1  301.0    5.5
12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
243.    9.1  301.0    5.5
12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
274.    9.1  300.1    5.5
12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:40:21

                      PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                 VOL6        , VOL7        , VOL8        ,
                   VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                   VOL18       , VOL19       , VOL20       ,
                   VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                   VOL26       , VOL30       , VOL31       ,
                   VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                   VOL48       , VOL63       ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN
                                       MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- - - - - - - - - - - - - - - - - -

493343.85	3762037.28	0.33796m	(14111524)	493409.97
3761986.39	0.36141m	(14111524)		
493417.46	3761972.99	0.37472m	(14111524)	493468.31
3761958.40	0.36903m	(14111524)		
493499.84	3761947.37	0.36879m	(14111524)	493614.36
3761892.81	0.36951m	(14111524)		
493613.66	3761905.05	0.35125m	(14111524)	493614.36
3761917.12	0.33506m	(14111524)		
493614.36	3761927.44	0.32323m	(14111524)	493613.31
3761940.20	0.31096m	(14111524)		
493616.46	3761952.10	0.29693m	(14111524)	493615.23
3761961.71	0.28879m	(14111524)		
493614.53	3761973.78	0.27906m	(14111524)	493614.01
3761984.98	0.27072m	(14111524)		
493613.66	3761996.52	0.26333m	(14111524)	493614.18
3762007.36	0.25665m	(14111524)		
493615.76	3762018.56	0.24979m	(14111524)	493614.71
3762025.73	0.24620m	(14111524)		
493614.36	3762035.00	0.24144m	(14111524)	493613.13
3762043.74	0.23813	(14013024)		
493613.66	3762052.14	0.23491	(13030624)	493613.83
3762061.58	0.23227	(13030624)		
493614.18	3762071.55	0.22950	(13030624)	493696.46
3761742.53	0.40557m	(14111524)		
493707.35	3761768.92	0.37028	(13112024)	493727.98
3761742.80	0.36771m	(14111524)		
493755.61	3761733.69	0.35826	(12110124)	493750.48
3761720.58	0.36223m	(14111524)		
493745.92	3761709.48	0.37528m	(14111524)	493741.37
3761696.95	0.39008m	(14111524)		
493738.52	3761681.00	0.40363m	(14111524)	493737.38
3761663.91	0.41389m	(14111524)		
493736.52	3761651.38	0.42046m	(14111524)	494418.08
3761416.13	0.39184	(12101024)		
494473.73	3761368.11	0.35598	(13102324)	494939.85
3761394.35	0.20034	(13070724)		
494686.37	3761403.42	0.23582c	(13090124)	494575.98
3761568.60	0.20034	(13070724)		
494541.49	3761602.79	0.19848	(13070724)	494822.53
3761435.24	0.20142	(13070724)		
494846.18	3761504.63	0.18732	(13070724)	494841.06
3761535.78	0.18258	(13070724)		
494837.90	3761553.12	0.17999	(13070724)	494885.61
3761199.09	0.21145c	(12080524)		
494976.68	3761325.65	0.20678c	(13090124)	494985.35
3761366.25	0.19855c	(13090124)		
495070.90	3761299.23	0.18015	(13070724)	495115.47
3760632.60	0.18072	(12073124)		
495069.03	3760685.30	0.19709	(12073124)	495087.55
3760728.31	0.20444	(12073124)		
495079.90	3760834.52	0.21156	(12073124)	495202.38
3760883.65	0.19318	(12073124)		
495237.63	3760939.31	0.18323	(12073124)	495298.45
3761048.56	0.17475c	(12080524)		
490844.43	3759375.83	0.02869	(15011124)	490895.79
3759357.70	0.02886	(15011124)		
490596.67	3759246.67	0.02582	(15122224)	489103.59
3759859.22	0.02099	(13122624)		
488940.48	3759893.26	0.02028	(13122624)	488472.34
3759865.64	0.01812	(14021324)		
488432.53	3759884.27	0.01802	(14021324)	488713.15
3759827.76	0.01902	(13122624)		
487562.29	3760285.62	0.01396	(15122224)	487809.35
3760420.86	0.01504	(15122224)		
487553.10	3761208.24	0.01569	(12122024)	487899.76

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.13942m	(14111524)	491132.33	3762903.51	0.09066	(16010624)
492828.06	3762200.49	0.54470m	(14111524)	492961.55	3762258.51	0.35427	(14013024)
493033.99	3762272.60	0.33147	(14013024)	493032.31	3762205.18	0.35766	(13070724)
493087.32	3762215.25	0.32554	(13070724)	493079.94	3762296.41	0.30396	(14013024)
493163.79	3762367.18	0.22207m	(14111524)	493068.87	3762510.05	0.20481	(14013024)
493101.07	3762454.71	0.22601	(14013024)	493281.84	3762369.19	0.22425	(14013024)
493351.51	3762095.42	0.29272m	(14111524)	493439.48	3762105.84	0.26740	(14013024)
493972.90	3763044.23	0.07578	(12021924)	493957.03	3763184.09	0.06690	(12021924)
493583.55	3763480.45	0.05795	(16010524)	493258.47	3763568.15	0.05807	(15011124)
492895.78	3763485.72	0.06904m	(13010324)	493781.01	3761659.05	0.38545	(13102324)
493797.63	3761658.35	0.37113	(13102324)	493831.94	3761631.47	0.35910	(13102324)
493900.20	3761664.01	0.31620c	(12080524)	493918.59			

```
        3761666.13        0.31249c (13090124)
        493929.55   3761662.24        0.30981c (13090124)                493945.82
        3761667.90        0.30218c (13090124)
        493758.37   3761524.30        0.44283  (13102324)                493961.03
        3761672.85        0.29625c (13090124)
        493975.18   3761679.57        0.29479c (13090124)                493987.55
        3761687.70        0.28951c (13090124)
        493998.87   3761697.25        0.28555c (13090124)                494007.71
        3761707.51        0.27878c (13090124)
        494016.91   3761718.12        0.27054c (13090124)                494024.69
        3761730.85        0.27129  (13070724)
        492955.24   3762130.13        0.40417m (14111524)                492955.24
        3761996.30        0.49149m (14111524)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        13:40:21

                     PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_10    IN
                                    MICROGRAMS/M**3                        **


                                                    DATE
                                                                                NETWORK
GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.54470m ON 14111524: AT (  492828.06,  3762200.49,
694.04,   694.04,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        13:40:21

                     PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          388 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          191 Calm Hours Identified

 A Total of          197 Missing Hours Identified (  0.45 Percent)
```

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186     243       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     243       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/10/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph1 LST\15218 Ph1 Ops PM25\15218
Ph1 Ops PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph1 Ops PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493105.948  3761467.062      684.380
   LOCATION VOL10        VOLUME     493239.129  3761465.794      689.000
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493893.165  3761268.914      696.500
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
   LOCATION VOL63        VOLUME     494331.771  3761044.021      704.840
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   LOCATION VOL64        VOLUME     494299.890  3761440.813      720.200
   LOCATION VOL65        VOLUME     492653.133  3762138.735      689.140
   LOCATION VOL66        VOLUME     491979.935  3762211.662      686.940
   LOCATION VOL67        VOLUME     491836.828  3762255.463      683.430
   LOCATION VOL68        VOLUME     492112.191  3762179.431      689.460
   LOCATION VOL69        VOLUME     491694.375  3762248.627      690.220
   LOCATION VOL70        VOLUME     492517.716  3762136.765      695.740
   LOCATION VOL71        VOLUME     492381.835  3762134.257      693.910
   LOCATION VOL72        VOLUME     492248.462  3762143.468      690.000
   LOCATION VOL73        VOLUME     492653.133  3762004.898      692.950
   LOCATION VOL74        VOLUME     491979.935  3762077.825      692.840
   LOCATION VOL75        VOLUME     491861.261  3762124.498      685.420
   LOCATION VOL76        VOLUME     492112.191  3762045.594      687.570
   LOCATION VOL77        VOLUME     492234.589  3761900.651      682.260
   LOCATION VOL78        VOLUME     492517.716  3762002.928      686.070
   LOCATION VOL79        VOLUME     492381.835  3762000.420      683.700
   LOCATION VOL80        VOLUME     492248.462  3762009.631      684.600
   LOCATION VOL81        VOLUME     492101.142  3761906.638      685.980
   LOCATION VOL82        VOLUME     491981.905  3761950.440      678.750
   LOCATION VOL83        VOLUME     491977.038  3761816.603      673.320
   LOCATION VOL84        VOLUME     491928.370  3761984.507      688.230
   LOCATION VOL85        VOLUME     491930.804  3761843.370      679.800
   LOCATION VOL86        VOLUME     491794.533  3761889.605      686.230
   LOCATION VOL87        VOLUME     491658.263  3761877.438      655.890
   LOCATION VOL88        VOLUME     491835.901  3761787.402      683.220
   LOCATION VOL89        VOLUME     491702.064  3761770.368      660.960
   LOCATION VOL90        VOLUME     491592.561  3761743.601      657.910
   LOCATION VOL91        VOLUME     491801.825  3762386.889      675.230
   LOCATION VOL92        VOLUME     492825.779  3761472.781      683.550
   LOCATION VOL93        VOLUME     492967.447  3761484.753      687.340
   LOCATION VOL94        VOLUME     492845.732  3761335.103      686.260
   LOCATION VOL95        VOLUME     492957.471  3761347.075      682.030
   LOCATION VOL96        VOLUME     493053.247  3761341.089      681.650
   LOCATION VOL97        VOLUME     492857.704  3761195.429      687.650
   LOCATION VOL98        VOLUME     492859.699  3761137.564      695.600
   LOCATION VOL99        VOLUME     492951.485  3761205.406      673.090
   LOCATION VOL100       VOLUME     493055.242  3761201.415      681.890
   LOCATION VOL101       VOLUME     492999.373  3761127.588      677.270
   LOCATION VOL112       VOLUME     493466.281  3761650.366      709.230
   LOCATION VOL113       VOLUME     493609.945  3761660.342      697.620
   LOCATION VOL114       VOLUME     493635.885  3761530.645      689.730
   LOCATION VOL115       VOLUME     493697.740  3761396.958      687.940
   LOCATION VOL116       VOLUME     493536.118  3761806.002      707.000
   LOCATION VOL117       VOLUME     493402.430  3761815.978      709.730
   LOCATION VOL118       VOLUME     493061.228  3761839.922      707.880
   LOCATION VOL119       VOLUME     492923.550  3761867.857      695.860
   LOCATION VOL120       VOLUME     492783.876  3761903.773      696.290
   LOCATION VOL121       VOLUME     494266.597  3761195.116      700.290
   LOCATION VOL122       VOLUME     494394.112  3761261.275      719.950
   LOCATION VOL123       VOLUME     494442.000  3760953.994      701.880
   LOCATION VOL124       VOLUME     494499.865  3760866.199      700.670
   LOCATION VOL125       VOLUME     491616.605  3762019.503      684.240
   LOCATION VOL126       VOLUME     491640.549  3762141.218      684.320
   LOCATION VOL127       VOLUME     491758.274  3762171.148      686.490
   LOCATION VOL128       VOLUME     491582.685  3762278.896      683.100
   LOCATION VOL129       VOLUME     491540.783  3762416.574      667.010
   LOCATION VOL130       VOLUME     491672.475  3762478.430      680.300
   LOCATION VOL131       VOLUME     491542.778  3762512.350      678.700
   LOCATION VOL132       VOLUME     494202.560  3761396.958      715.830
   LOCATION VOL133       VOLUME     494312.681  3760935.773      695.000
   LOCATION VOL134       VOLUME     493756.133  3761285.416      684.640
   LOCATION VOL135       VOLUME     491584.758  3761865.143      668.320
** Source Parameters **
   SRCPARAM VOL4         0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL5         0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL6         0.0002897951     5.000    31.816     1.400
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SRCPARAM VOL7         0.0002897951     5.000    31.816     1.400
SRCPARAM VOL8         0.0002897951     5.000    31.816     1.400
SRCPARAM VOL9         0.0002897951     5.000    31.816     1.400
SRCPARAM VOL10        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL11        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL16        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL17        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL18        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL19        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL20        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL21        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL22        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL23        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL24        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL25        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL26        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL30        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL31        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL35        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL36        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL37        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL46        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL47        0.0002897951     5.000    31.816     1.400
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SRCPARAM VOL63        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL64        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL65        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL66        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL67        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL68        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL69        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL70        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL71        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL72        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL73        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL74        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL75        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL76        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL77        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL78        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL79        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL80        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL81        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL82        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL83        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL84        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL85        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL86        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL87        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL88        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL89        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL90        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL91        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL92        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL93        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL94        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL95        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL96        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL97        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL98        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL99        0.0002897951     5.000    31.816     1.400
SRCPARAM VOL100       0.0002897951     5.000    31.816     1.400
SRCPARAM VOL101       0.0002897951     5.000    31.816     1.400
SRCPARAM VOL112       0.0002897951     5.000    31.816     1.400
SRCPARAM VOL113       0.0002897951     5.000    31.816     1.400
SRCPARAM VOL114       0.0002897951     5.000    31.816     1.400
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   SRCPARAM VOL115       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL116       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL117       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL118       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL119       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL120       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL121       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL122       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL123       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL124       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL125       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL126       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL127       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL128       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL129       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL130       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL131       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL132       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL133       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL134       0.0002897951     5.000    31.816     1.400
   SRCPARAM VOL135       0.0002897951     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "15218 Ph1 Ops PM25.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH1 OPS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph1 Ops PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------
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```
 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     243       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     243       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:47:31

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    90 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:     90 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     90 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.
```

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph1 Ops
PM25.err
**File for Summary of Results: 15218 Ph1 Ops
PM25.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL4	0	0.28980E-03	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES		NO						
VOL5	0	0.28980E-03	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES		NO						
VOL6	0	0.28980E-03	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES		NO						
VOL7	0	0.28980E-03	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES		NO						
VOL8	0	0.28980E-03	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES		NO						
VOL9	0	0.28980E-03	493105.9	3761467.1	684.4	5.00	31.82	1.40
YES		NO						
VOL10	0	0.28980E-03	493239.1	3761465.8	689.0	5.00	31.82	1.40
YES		NO						
VOL11	0	0.28980E-03	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES		NO						

VOL16	0	0.28980E-03	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES		NO						
VOL17	0	0.28980E-03	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES		NO						
VOL18	0	0.28980E-03	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES		NO						
VOL19	0	0.28980E-03	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES		NO						
VOL20	0	0.28980E-03	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES		NO						
VOL21	0	0.28980E-03	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.28980E-03	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.28980E-03	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.28980E-03	493893.2	3761268.9	696.5	5.00	31.82	1.40
YES		NO						
VOL25	0	0.28980E-03	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						
VOL26	0	0.28980E-03	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES		NO						
VOL30	0	0.28980E-03	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES		NO						
VOL31	0	0.28980E-03	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES		NO						
VOL35	0	0.28980E-03	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES		NO						
VOL36	0	0.28980E-03	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES		NO						
VOL37	0	0.28980E-03	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES		NO						
VOL46	0	0.28980E-03	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES		NO						
VOL47	0	0.28980E-03	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES		NO						
VOL48	0	0.28980E-03	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES		NO						
VOL63	0	0.28980E-03	494331.8	3761044.0	704.8	5.00	31.82	1.40
YES		NO						
VOL64	0	0.28980E-03	494299.9	3761440.8	720.2	5.00	31.82	1.40
YES		NO						
VOL65	0	0.28980E-03	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.28980E-03	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.28980E-03	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.28980E-03	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.28980E-03	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.28980E-03	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.28980E-03	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.28980E-03	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL73	0	0.28980E-03	492653.1	3762004.9	692.9	5.00	31.82	1.40
YES		NO						
VOL74	0	0.28980E-03	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.28980E-03	491861.3	3762124.5	685.4	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL76	0	0.28980E-03	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES	NO							
VOL77	0	0.28980E-03	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES	NO							
VOL78	0	0.28980E-03	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES	NO							
VOL79	0	0.28980E-03	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES	NO							
VOL80	0	0.28980E-03	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES	NO							
VOL81	0	0.28980E-03	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES	NO							
VOL82	0	0.28980E-03	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES	NO							
VOL83	0	0.28980E-03	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES	NO							
VOL84	0	0.28980E-03	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES	NO							
VOL85	0	0.28980E-03	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES	NO							
VOL86	0	0.28980E-03	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES	NO							
VOL87	0	0.28980E-03	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES	NO							
VOL88	0	0.28980E-03	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES	NO							
VOL89	0	0.28980E-03	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES	NO							
VOL90	0	0.28980E-03	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES	NO							
VOL91	0	0.28980E-03	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES	NO							
VOL92	0	0.28980E-03	492825.8	3761472.8	683.5	5.00	31.82	1.40
YES	NO							
VOL93	0	0.28980E-03	492967.4	3761484.8	687.3	5.00	31.82	1.40
YES	NO							
VOL94	0	0.28980E-03	492845.7	3761335.1	686.3	5.00	31.82	1.40
YES	NO							
VOL95	0	0.28980E-03	492957.5	3761347.1	682.0	5.00	31.82	1.40
YES	NO							
VOL96	0	0.28980E-03	493053.2	3761341.1	681.6	5.00	31.82	1.40
YES	NO							
VOL97	0	0.28980E-03	492857.7	3761195.4	687.6	5.00	31.82	1.40
YES	NO							
VOL98	0	0.28980E-03	492859.7	3761137.6	695.6	5.00	31.82	1.40
YES	NO							
VOL99	0	0.28980E-03	492951.5	3761205.4	673.1	5.00	31.82	1.40
YES	NO							

```
 VOL100          0   0.28980E-03  493055.2 3761201.4   681.9     5.00    31.82     1.40
 YES                   NO
 VOL101          0   0.28980E-03  492999.4 3761127.6   677.3     5.00    31.82     1.40
 YES                   NO
 VOL112          0   0.28980E-03  493466.3 3761650.4   709.2     5.00    31.82     1.40
 YES                   NO
 VOL113          0   0.28980E-03  493609.9 3761660.3   697.6     5.00    31.82     1.40
 YES                   NO
 VOL114          0   0.28980E-03  493635.9 3761530.6   689.7     5.00    31.82     1.40
 YES                   NO
 VOL115          0   0.28980E-03  493697.7 3761397.0   687.9     5.00    31.82     1.40
 YES                   NO
 VOL116          0   0.28980E-03  493536.1 3761806.0   707.0     5.00    31.82     1.40
 YES                   NO
 VOL117          0   0.28980E-03  493402.4 3761816.0   709.7     5.00    31.82     1.40
 YES                   NO
 VOL118          0   0.28980E-03  493061.2 3761839.9   707.9     5.00    31.82     1.40
 YES                   NO
 VOL119          0   0.28980E-03  492923.5 3761867.9   695.9     5.00    31.82     1.40
 YES                   NO
 VOL120          0   0.28980E-03  492783.9 3761903.8   696.3     5.00    31.82     1.40
 YES                   NO
 VOL121          0   0.28980E-03  494266.6 3761195.1   700.3     5.00    31.82     1.40
 YES                   NO
 VOL122          0   0.28980E-03  494394.1 3761261.3   719.9     5.00    31.82     1.40
 YES                   NO
 VOL123          0   0.28980E-03  494442.0 3760954.0   701.9     5.00    31.82     1.40
 YES                   NO
 VOL124          0   0.28980E-03  494499.9 3760866.2   700.7     5.00    31.82     1.40
 YES                   NO
 VOL125          0   0.28980E-03  491616.6 3762019.5   684.2     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:47:31

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -

 VOL126          0   0.28980E-03  491640.5 3762141.2   684.3     5.00    31.82     1.40
 YES                   NO
 VOL127          0   0.28980E-03  491758.3 3762171.1   686.5     5.00    31.82     1.40
 YES                   NO
 VOL128          0   0.28980E-03  491582.7 3762278.9   683.1     5.00    31.82     1.40
 YES                   NO
 VOL129          0   0.28980E-03  491540.8 3762416.6   667.0     5.00    31.82     1.40
 YES                   NO
 VOL130          0   0.28980E-03  491672.5 3762478.4   680.3     5.00    31.82     1.40
 YES                   NO
 VOL131          0   0.28980E-03  491542.8 3762512.3   678.7     5.00    31.82     1.40
 YES                   NO
 VOL132          0   0.28980E-03  494202.6 3761397.0   715.8     5.00    31.82     1.40
 YES                   NO
```

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 VOL133           0   0.28980E-03  494312.7 3760935.8   695.0     5.00    31.82     1.40
 YES                    NO
 VOL134           0   0.28980E-03  493756.1 3761285.4   684.6     5.00    31.82     1.40
 YES                    NO
 VOL135           0   0.28980E-03  491584.8 3761865.1   668.3     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       13:47:31

                      PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,

             VOL16       , VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
             VOL22       , VOL23       ,

             VOL24       , VOL25       , VOL26       , VOL30       , VOL31       , VOL35       ,
             VOL36       , VOL37       ,

             VOL46       , VOL47       , VOL48       , VOL63       , VOL64       , VOL65       ,
             VOL66       , VOL67       ,

             VOL68       , VOL69       , VOL70       , VOL71       , VOL72       , VOL73       ,
             VOL74       , VOL75       ,

             VOL76       , VOL77       , VOL78       , VOL79       , VOL80       , VOL81       ,
             VOL82       , VOL83       ,

             VOL84       , VOL85       , VOL86       , VOL87       , VOL88       , VOL89       ,
             VOL90       , VOL91       ,

             VOL92       , VOL93       , VOL94       , VOL95       , VOL96       , VOL97       ,
             VOL98       , VOL99       ,

             VOL100      , VOL101      , VOL112      , VOL113      , VOL114      , VOL115      ,
             VOL116      , VOL117      ,

             VOL118      , VOL119      , VOL120      , VOL121      , VOL122      , VOL123      ,
             VOL124      , VOL125      ,

             VOL126      , VOL127      , VOL128      , VOL129      , VOL130      , VOL131      ,
             VOL132      , VOL133      ,

             VOL134      , VOL135      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***       13:47:31

                      PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
```

            2189641. VOL4   , VOL5   , VOL6   , VOL7   , VOL8   ,
            VOL9   , VOL10   ,
VOL11   ,

            VOL16   , VOL17   , VOL18   , VOL19   , VOL20   , VOL21   ,
            VOL22   , VOL23   ,

            VOL24   , VOL25   , VOL26   , VOL30   , VOL31   , VOL35   ,
            VOL36   , VOL37   ,

            VOL46   , VOL47   , VOL48   , VOL63   , VOL64   , VOL65   ,
            VOL66   , VOL67   ,

            VOL68   , VOL69   , VOL70   , VOL71   , VOL72   , VOL73   ,
            VOL74   , VOL75   ,

            VOL76   , VOL77   , VOL78   , VOL79   , VOL80   , VOL81   ,
            VOL82   , VOL83   ,

            VOL84   , VOL85   , VOL86   , VOL87   , VOL88   , VOL89   ,
            VOL90   , VOL91   ,

            VOL92   , VOL93   , VOL94   , VOL95   , VOL96   , VOL97   ,
            VOL98   , VOL99   ,

            VOL100   , VOL101   , VOL112   , VOL113   , VOL114   , VOL115   ,
            VOL116   , VOL117   ,

            VOL118   , VOL119   , VOL120   , VOL121   , VOL122   , VOL123   ,
            VOL124   , VOL125   ,

            VOL126   , VOL127   , VOL128   , VOL129   , VOL130   , VOL131   ,
            VOL132   , VOL133   ,

            VOL134   , VOL135   ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

    (493343.8, 3762037.3,   711.3,   711.3,   2.0);   (493410.0, 3761986.4,
    713.0,   713.0,   2.0);
    (493417.5, 3761973.0,   713.0,   713.0,   2.0);   (493468.3, 3761958.4,
    714.0,   714.0,   2.0);
    (493499.8, 3761947.4,   713.9,   713.9,   2.0);   (493614.4, 3761892.8,
    711.3,   711.3,   2.0);
    (493613.7, 3761905.0,   712.0,   712.0,   2.0);   (493614.4, 3761917.1,
    712.9,   712.9,   2.0);
    (493614.4, 3761927.4,   713.5,   713.5,   2.0);   (493613.3, 3761940.2,
    714.2,   714.2,   2.0);
    (493616.5, 3761952.1,   714.8,   714.8,   2.0);   (493615.2, 3761961.7,
    715.2,   715.2,   2.0);
    (493614.5, 3761973.8,   715.6,   715.6,   2.0);   (493614.0, 3761985.0,
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    (493613.7, 3761996.5,   716.0,   716.0,   2.0);   (493614.2, 3762007.4,

716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7,
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(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7,
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(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6,
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(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5,
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710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6,
712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9,
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(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
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(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
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(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
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(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
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(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
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(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
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(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
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(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
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567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
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(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
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548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
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588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
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(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
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624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
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(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
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(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10				

```
 81.   10.1  289.1    5.5
12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
72.    9.1  295.1    5.5
12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
78.   10.1  297.9    5.5
12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
333.    9.1  299.4    5.5
12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
72.    9.1  300.4    5.5
12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
277.    9.1  301.0    5.5
12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
243.    9.1  301.0    5.5
12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
274.    9.1  300.1    5.5
12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/10/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:47:31

                      PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                 VOL6        , VOL7        , VOL8        ,
                   VOL9        , VOL10       , VOL11       , VOL16       , VOL17       ,
                   VOL18       , VOL19       , VOL20       ,
                   VOL21       , VOL22       , VOL23       , VOL24       , VOL25       ,
                   VOL26       , VOL30       , VOL31       ,
                   VOL35       , VOL36       , VOL37       , VOL46       , VOL47       ,
                   VOL48       , VOL63       ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN
                                       MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- - - - - - - - - - - - - - - - - -

493343.85	3762037.28	0.10490m	(14111524)	493409.97
3761986.39	0.11218m	(14111524)		
493417.46	3761972.99	0.11631m	(14111524)	493468.31
3761958.40	0.11454m	(14111524)		
493499.84	3761947.37	0.11447m	(14111524)	493614.36
3761892.81	0.11469m	(14111524)		
493613.66	3761905.05	0.10902m	(14111524)	493614.36
3761917.12	0.10400m	(14111524)		
493614.36	3761927.44	0.10033m	(14111524)	493613.31
3761940.20	0.09652m	(14111524)		
493616.46	3761952.10	0.09216m	(14111524)	493615.23
3761961.71	0.08964m	(14111524)		
493614.53	3761973.78	0.08662m	(14111524)	493614.01
3761984.98	0.08403m	(14111524)		
493613.66	3761996.52	0.08174m	(14111524)	493614.18
3762007.36	0.07966m	(14111524)		
493615.76	3762018.56	0.07753m	(14111524)	493614.71
3762025.73	0.07642m	(14111524)		
493614.36	3762035.00	0.07494m	(14111524)	493613.13
3762043.74	0.07391	(14013024)		
493613.66	3762052.14	0.07291	(13030624)	493613.83
3762061.58	0.07209	(13030624)		
493614.18	3762071.55	0.07123	(13030624)	493696.46
3761742.53	0.12589m	(14111524)		
493707.35	3761768.92	0.11493	(13112024)	493727.98
3761742.80	0.11413m	(14111524)		
493755.61	3761733.69	0.11120	(12110124)	493750.48
3761720.58	0.11243m	(14111524)		
493745.92	3761709.48	0.11648m	(14111524)	493741.37
3761696.95	0.12108m	(14111524)		
493738.52	3761681.00	0.12528m	(14111524)	493737.38
3761663.91	0.12847m	(14111524)		
493736.52	3761651.38	0.13051m	(14111524)	494418.08
3761416.13	0.12162	(12101024)		
494473.73	3761368.11	0.11049	(13102324)	494939.85
3761394.35	0.06218	(13070724)		
494686.37	3761403.42	0.07320c	(13090124)	494575.98
3761568.60	0.06218	(13070724)		
494541.49	3761602.79	0.06161	(13070724)	494822.53
3761435.24	0.06252	(13070724)		
494846.18	3761504.63	0.05814	(13070724)	494841.06
3761535.78	0.05667	(13070724)		
494837.90	3761553.12	0.05587	(13070724)	494885.61
3761199.09	0.06563c	(12080524)		
494976.68	3761325.65	0.06418c	(13090124)	494985.35
3761366.25	0.06163c	(13090124)		
495070.90	3761299.23	0.05592	(13070724)	495115.47
3760632.60	0.05609	(12073124)		
495069.03	3760685.30	0.06117	(12073124)	495087.55
3760728.31	0.06346	(12073124)		
495079.90	3760834.52	0.06567	(12073124)	495202.38
3760883.65	0.05996	(12073124)		
495237.63	3760939.31	0.05687	(12073124)	495298.45
3761048.56	0.05424c	(12080524)		
490844.43	3759375.83	0.00891	(15011124)	490895.79
3759357.70	0.00896	(15011124)		
490596.67	3759246.67	0.00801	(15122224)	489103.59
3759859.22	0.00651	(13122624)		
488940.48	3759893.26	0.00629	(13122624)	488472.34
3759865.64	0.00563	(14021324)		
488432.53	3759884.27	0.00559	(14021324)	488713.15
3759827.76	0.00590	(13122624)		
487562.29	3760285.62	0.00433	(15122224)	487809.35
3760420.86	0.00467	(15122224)		
487553.10	3761208.24	0.00487	(12122024)	487899.76

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 , VOL37 , VOL46 , VOL47 ,
VOL48 , VOL63 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.04328m	(14111524)	491132.33	3762903.51	0.02814	(16010624)
492828.06	3762200.49	0.16907m	(14111524)	492961.55	3762258.51	0.10996	(14013024)
493033.99	3762272.60	0.10288	(14013024)	493032.31	3762205.18	0.11101	(13070724)
493087.32	3762215.25	0.10104	(13070724)	493079.94	3762296.41	0.09435	(14013024)
493163.79	3762367.18	0.06893m	(14111524)	493068.87	3762510.05	0.06357	(14013024)
493101.07	3762454.71	0.07015	(14013024)	493281.84	3762369.19	0.06961	(14013024)
493351.51	3762095.42	0.09086m	(14111524)	493439.48	3762105.84	0.08300	(14013024)
493972.90	3763044.23	0.02352	(12021924)	493957.03	3763184.09	0.02077	(12021924)
493583.55	3763480.45	0.01799	(16010524)	493258.47	3763568.15	0.01803	(15011124)
492895.78	3763485.72	0.02143m	(13010324)	493781.01	3761659.05	0.11964	(13102324)
493797.63	3761658.35	0.11520	(13102324)	493831.94	3761631.47	0.11146	(13102324)
493900.20	3761664.01	0.09815c	(12080524)	493918.59			

3761666.13 0.09699c (13090124)
493929.55 3761662.24 0.09616c (13090124) 493945.82
3761667.90 0.09379c (13090124)
493758.37 3761524.30 0.13745 (13102324) 493961.03
3761672.85 0.09195c (13090124)
493975.18 3761679.57 0.09150c (13090124) 493987.55
3761687.70 0.08986c (13090124)
493998.87 3761697.25 0.08863c (13090124) 494007.71
3761707.51 0.08653c (13090124)
494016.91 3761718.12 0.08397c (13090124) 494024.69
3761730.85 0.08421 (13070724)
492955.24 3762130.13 0.12545m (14111524) 492955.24
3761996.30 0.15255m (14111524)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.16907m ON 14111524:	AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186     243       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187     243       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Ops CO\15218
Ph2 Ops CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Ops CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     492327.129  3761158.133      691.910
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
```

LOCATION VOL49	VOLUME	492233.581	3761067.343	675.260
LOCATION VOL50	VOLUME	492192.929	3761161.034	689.050
LOCATION VOL51	VOLUME	492228.437	3761295.115	697.580
LOCATION VOL52	VOLUME	492300.141	3761057.092	680.370
LOCATION VOL57	VOLUME	492130.222	3761291.009	684.820
LOCATION VOL58	VOLUME	492441.376	3761006.617	686.980
LOCATION VOL59	VOLUME	492341.667	3761296.756	698.850
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492463.566	3761317.524	684.910
LOCATION VOL109	VOLUME	492461.207	3761175.998	697.060
LOCATION VOL110	VOLUME	492439.158	3761070.965	692.950
LOCATION VOL111	VOLUME	492542.629	3761459.050	684.570
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090
LOCATION VOL116	VOLUME	494005.497	3761391.736	716.150
LOCATION VOL117	VOLUME	494278.568	3761268.413	705.410
LOCATION VOL118	VOLUME	494351.241	3761308.052	709.780
LOCATION VOL119	VOLUME	491794.496	3762014.956	683.700
LOCATION VOL120	VOLUME	491794.496	3762136.076	681.790
LOCATION VOL121	VOLUME	491651.353	3762014.956	680.920
LOCATION VOL122	VOLUME	491655.758	3762138.279	683.820
LOCATION VOL123	VOLUME	491459.763	3761713.256	683.590

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   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
   LOCATION VOL150       VOLUME     494324.764  3760958.902      696.880
** Source Parameters **
   SRCPARAM VOL4         0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL5         0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL6         0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL7         0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL8         0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL9         0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL10        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL11        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL12        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL16        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL17        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL18        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL19        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL20        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL21        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL22        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL23        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL24        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL25        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL26        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL30        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL31        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL35        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL36        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL37        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL46        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL47        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL48        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL49        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL50        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL51        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL52        0.0294545245     5.000    31.816     1.400
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   SRCPARAM VOL58        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL59        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL64        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL65        0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL66        0.0294545245     5.000    31.816     1.400
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SRCPARAM VOL67        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL68        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL69        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL70        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL71        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL72        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL74        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL75        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL76        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL77        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL78        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL79        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL80        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL81        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL82        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL83        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL84        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL85        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL86        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL87        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL88        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL89        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL90        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL91        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL92        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL93        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL94        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL95        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL96        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL97        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL98        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL99        0.0294545245     5.000    31.816     1.400
SRCPARAM VOL100       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL101       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL102       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL103       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL104       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL105       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL106       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL107       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL108       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL109       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL110       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL111       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL112       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL113       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL114       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL115       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL116       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL117       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL118       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL119       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL120       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL121       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL122       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL123       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL124       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL125       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL126       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL127       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL128       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL129       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL130       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL131       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL132       0.0294545245     5.000    31.816     1.400
SRCPARAM VOL133       0.0294545245     5.000    31.816     1.400
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   SRCPARAM VOL134       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL135       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL136       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL137       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL138       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL139       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL140       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL141       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL142       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL143       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL144       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL145       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL146       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL147       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL148       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL149       0.0294545245     5.000    31.816     1.400
   SRCPARAM VOL150       0.0294545245     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Ops CO.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH2 OPS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH2 OPS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph2 Ops CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
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 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     305       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     305       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:07:36

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   121 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:    121 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    121 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216
```

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph2 Ops CO.err
**File for Summary of Results: 15218 Ph2 Ops CO.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL4	0	0.29455E-01	492797.1	3762283.9	695.0	5.00	31.82	1.40	YES NO
VOL5	0	0.29455E-01	493197.6	3761815.0	710.4	5.00	31.82	1.40	YES NO
VOL6	0	0.29455E-01	492524.0	3762265.1	688.3	5.00	31.82	1.40	YES NO
VOL7	0	0.29455E-01	492388.1	3762262.6	696.8	5.00	31.82	1.40	YES NO
VOL8	0	0.29455E-01	492254.8	3762271.8	683.2	5.00	31.82	1.40	YES NO
VOL9	0	0.29455E-01	493145.9	3761467.1	686.4	5.00	31.82	1.40	YES NO
VOL10	0	0.29455E-01	493285.0	3761471.8	687.9	5.00	31.82	1.40	YES NO
VOL11	0	0.29455E-01	493368.3	3761535.2	695.0	5.00	31.82	1.40	YES NO
VOL12	0	0.29455E-01	492327.1	3761158.1	691.9	5.00	31.82	1.40	YES NO

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 VOL16            0   0.29455E-01  492659.4 3762267.1   695.9     5.00    31.82     1.40
 YES                    NO
 VOL17            0   0.29455E-01  493185.4 3761712.2   707.4     5.00    31.82     1.40
 YES                    NO
 VOL18            0   0.29455E-01  491986.2 3762340.0   678.9     5.00    31.82     1.40
 YES                    NO
 VOL19            0   0.29455E-01  491843.1 3762383.8   670.7     5.00    31.82     1.40
 YES                    NO
 VOL20            0   0.29455E-01  492118.5 3762307.8   682.7     5.00    31.82     1.40
 YES                    NO
 VOL21            0   0.29455E-01  493148.2 3761325.5   685.0     5.00    31.82     1.40
 YES                    NO
 VOL22            0   0.29455E-01  493285.0 3761332.6   690.3     5.00    31.82     1.40
 YES                    NO
 VOL23            0   0.29455E-01  493368.3 3761393.7   681.0     5.00    31.82     1.40
 YES                    NO
 VOL24            0   0.29455E-01  493874.8 3761274.2   695.9     5.00    31.82     1.40
 YES                    NO
 VOL25            0   0.29455E-01  494008.7 3761247.0   701.2     5.00    31.82     1.40
 YES                    NO
 VOL26            0   0.29455E-01  494137.7 3761246.0   721.6     5.00    31.82     1.40
 YES                    NO
 VOL30            0   0.29455E-01  493263.0 3761716.6   705.5     5.00    31.82     1.40
 YES                    NO
 VOL31            0   0.29455E-01  493268.3 3761811.5   710.9     5.00    31.82     1.40
 YES                    NO
 VOL35            0   0.29455E-01  493145.9 3761184.0   686.7     5.00    31.82     1.40
 YES                    NO
 VOL36            0   0.29455E-01  493287.4 3761193.4   698.1     5.00    31.82     1.40
 YES                    NO
 VOL37            0   0.29455E-01  493373.0 3761252.2   680.9     5.00    31.82     1.40
 YES                    NO
 VOL46            0   0.29455E-01  493128.3 3761058.6   681.0     5.00    31.82     1.40
 YES                    NO
 VOL47            0   0.29455E-01  493228.4 3761082.6   683.1     5.00    31.82     1.40
 YES                    NO
 VOL48            0   0.29455E-01  493354.1 3761167.3   672.4     5.00    31.82     1.40
 YES                    NO
 VOL49            0   0.29455E-01  492233.6 3761067.3   675.3     5.00    31.82     1.40
 YES                    NO
 VOL50            0   0.29455E-01  492192.9 3761161.0   689.0     5.00    31.82     1.40
 YES                    NO
 VOL51            0   0.29455E-01  492228.4 3761295.1   697.6     5.00    31.82     1.40
 YES                    NO
 VOL52            0   0.29455E-01  492300.1 3761057.1   680.4     5.00    31.82     1.40
 YES                    NO
 VOL57            0   0.29455E-01  492130.2 3761291.0   684.8     5.00    31.82     1.40
 YES                    NO
 VOL58            0   0.29455E-01  492441.4 3761006.6   687.0     5.00    31.82     1.40
 YES                    NO
 VOL59            0   0.29455E-01  492341.7 3761296.8   698.8     5.00    31.82     1.40
 YES                    NO
 VOL64            0   0.29455E-01  494287.9 3761410.9   719.0     5.00    31.82     1.40
 YES                    NO
 VOL65            0   0.29455E-01  492653.1 3762138.7   689.1     5.00    31.82     1.40
 YES                    NO
 VOL66            0   0.29455E-01  491979.9 3762211.7   686.9     5.00    31.82     1.40
 YES                    NO
 VOL67            0   0.29455E-01  491836.8 3762255.5   683.4     5.00    31.82     1.40
 YES                    NO
 VOL68            0   0.29455E-01  492112.2 3762179.4   689.5     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:07:36
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL69	0	0.29455E-01	491694.4	3762248.6	690.2	5.00	31.82	1.40	YES NO
VOL70	0	0.29455E-01	492517.7	3762136.8	695.7	5.00	31.82	1.40	YES NO
VOL71	0	0.29455E-01	492381.8	3762134.3	693.9	5.00	31.82	1.40	YES NO
VOL72	0	0.29455E-01	492248.5	3762143.5	690.0	5.00	31.82	1.40	YES NO
VOL74	0	0.29455E-01	491979.9	3762077.8	692.8	5.00	31.82	1.40	YES NO
VOL75	0	0.29455E-01	491917.1	3762126.5	686.3	5.00	31.82	1.40	YES NO
VOL76	0	0.29455E-01	492112.2	3762045.6	687.6	5.00	31.82	1.40	YES NO
VOL77	0	0.29455E-01	492234.6	3761900.7	682.3	5.00	31.82	1.40	YES NO
VOL78	0	0.29455E-01	492517.7	3762002.9	686.1	5.00	31.82	1.40	YES NO
VOL79	0	0.29455E-01	492381.8	3762000.4	683.7	5.00	31.82	1.40	YES NO
VOL80	0	0.29455E-01	492248.5	3762009.6	684.6	5.00	31.82	1.40	YES NO
VOL81	0	0.29455E-01	492101.1	3761906.6	686.0	5.00	31.82	1.40	YES NO
VOL82	0	0.29455E-01	491981.9	3761950.4	678.8	5.00	31.82	1.40	YES NO
VOL83	0	0.29455E-01	491977.0	3761816.6	673.3	5.00	31.82	1.40	YES NO
VOL84	0	0.29455E-01	491928.4	3761984.5	688.2	5.00	31.82	1.40	YES NO
VOL85	0	0.29455E-01	491930.8	3761843.4	679.8	5.00	31.82	1.40	YES NO
VOL86	0	0.29455E-01	491794.5	3761889.6	686.2	5.00	31.82	1.40	YES NO
VOL87	0	0.29455E-01	491658.3	3761877.4	655.9	5.00	31.82	1.40	YES NO
VOL88	0	0.29455E-01	491835.9	3761787.4	683.2	5.00	31.82	1.40	YES NO
VOL89	0	0.29455E-01	491702.1	3761770.4	661.0	5.00	31.82	1.40	YES NO
VOL90	0	0.29455E-01	491592.6	3761743.6	657.9	5.00	31.82	1.40	YES NO
VOL91	0	0.29455E-01	491801.8	3762386.9	675.2	5.00	31.82	1.40	YES NO
VOL92	0	0.29455E-01	493009.6	3761326.3	677.2	5.00	31.82	1.40	YES NO
VOL93	0	0.29455E-01	493007.3	3761184.8	680.7	5.00	31.82	1.40	YES NO
VOL94	0	0.29455E-01	492989.8	3761059.4	667.2	5.00	31.82	1.40	YES NO

VOL95 0 0.29455E-01 493007.3 3761467.9 685.7 5.00 31.82 1.40
YES NO
VOL96 0 0.29455E-01 492870.9 3761328.5 683.9 5.00 31.82 1.40
YES NO
VOL97 0 0.29455E-01 492868.6 3761187.0 685.6 5.00 31.82 1.40
YES NO
VOL98 0 0.29455E-01 492851.0 3761061.6 685.9 5.00 31.82 1.40
YES NO
VOL99 0 0.29455E-01 492868.6 3761470.1 684.7 5.00 31.82 1.40
YES NO
VOL100 0 0.29455E-01 492734.4 3761330.7 695.1 5.00 31.82 1.40
YES NO
VOL101 0 0.29455E-01 492732.0 3761189.2 696.1 5.00 31.82 1.40
YES NO
VOL102 0 0.29455E-01 492714.5 3761063.8 701.2 5.00 31.82 1.40
YES NO
VOL103 0 0.29455E-01 492732.0 3761472.3 683.0 5.00 31.82 1.40
YES NO
VOL104 0 0.29455E-01 492600.0 3761332.9 685.1 5.00 31.82 1.40
YES NO
VOL105 0 0.29455E-01 492597.7 3761191.4 696.6 5.00 31.82 1.40
YES NO
VOL106 0 0.29455E-01 492580.2 3761066.0 698.9 5.00 31.82 1.40
YES NO
VOL107 0 0.29455E-01 492597.7 3761474.5 684.3 5.00 31.82 1.40
YES NO
VOL108 0 0.29455E-01 492463.6 3761317.5 684.9 5.00 31.82 1.40
YES NO
VOL109 0 0.29455E-01 492461.2 3761176.0 697.1 5.00 31.82 1.40
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL110	0	0.29455E-01	492439.2	3761071.0	692.9	5.00	31.82	1.40	
YES		NO							
VOL111	0	0.29455E-01	492542.6	3761459.0	684.6	5.00	31.82	1.40	
YES		NO							
VOL112	0	0.29455E-01	492547.6	3761006.4	698.0	5.00	31.82	1.40	
YES		NO							
VOL113	0	0.29455E-01	492686.4	3761006.4	700.8	5.00	31.82	1.40	
YES		NO							
VOL114	0	0.29455E-01	492827.3	3761010.8	686.2	5.00	31.82	1.40	
YES		NO							
VOL115	0	0.29455E-01	494155.2	3761385.1	718.1	5.00	31.82	1.40	
YES		NO							
VOL116	0	0.29455E-01	494005.5	3761391.7	716.1	5.00	31.82	1.40	
YES		NO							
VOL117	0	0.29455E-01	494278.6	3761268.4	705.4	5.00	31.82	1.40	
YES		NO							

VOL118	0	0.29455E-01	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						
VOL119	0	0.29455E-01	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.29455E-01	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.29455E-01	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.29455E-01	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.29455E-01	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.29455E-01	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.29455E-01	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.29455E-01	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.29455E-01	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.29455E-01	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.29455E-01	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.29455E-01	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.29455E-01	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.29455E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.29455E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.29455E-01	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.29455E-01	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.29455E-01	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.29455E-01	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.29455E-01	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.29455E-01	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.29455E-01	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.29455E-01	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						
VOL142	0	0.29455E-01	492058.8	3762453.2	684.2	5.00	31.82	1.40
YES		NO						
VOL143	0	0.29455E-01	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.29455E-01	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.29455E-01	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.29455E-01	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.29455E-01	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.29455E-01	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.29455E-01	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PARTICIPATE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL150	0	0.29455E-01	494324.8	3760958.9	696.9	5.00	31.82	1.40
YES		NO						

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL57 , VOL58 , VOL59 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,

VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL57 , VOL58 , VOL59 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
		VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
		VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
		VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
		VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
		VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
		VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
		VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,

718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,

691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30				

```
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:07:36

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                               VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                  VOL17       , VOL18       , VOL19       ,
                  VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                  VOL25       , VOL26       , VOL30       ,
                  VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                  VOL47       , VOL48       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF CO       IN
                                     MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
- - - -
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```
      3761720.58       27.52307  (12090506)
      493745.92   3761709.48       27.92777  (13071201)                493741.37
      3761696.95       28.34430  (13071201)
      493738.52   3761681.00       28.80309  (13071201)                493737.38
      3761663.91       29.15514  (13071201)
      493736.52   3761651.38       29.33227  (13071201)                494418.08
      3761416.13       34.66700  (13071204)
      494473.73   3761368.11       34.68128  (12081004)                494939.85
      3761394.35       23.61991  (13083105)
      494686.37   3761403.42       28.77272  (12081004)                494575.98
      3761568.60       25.07295  (12080206)
      494541.49   3761602.79       23.09971  (12080206)                494822.53
      3761435.24       25.53222  (12081004)
      494846.18   3761504.63       23.85325  (12081804)                494841.06
      3761535.78       23.24080  (12080206)
      494837.90   3761553.12       23.12599  (12080206)                494885.61
      3761199.09       21.85147  (12072023)
      494976.68   3761325.65       23.58929  (13070705)                494985.35
      3761366.25       23.64297  (13083105)
      495070.90   3761299.23       19.26591  (12100521)                495115.47
      3760632.60       20.37237  (13082005)
      495069.03   3760685.30       20.84292  (12060102)                495087.55
      3760728.31       20.89425  (12080101)
      495079.90   3760834.52       20.88803  (13072504)                495202.38
      3760883.65       20.90711  (13072504)
      495237.63   3760939.31       21.06931  (12091206)                495298.45
      3761048.56       20.54469  (12090520)
      490844.43   3759375.83        2.61122  (12010507)                490895.79
      3759357.70        2.62619  (12010507)
      490596.67   3759246.67        2.48811  (12110403)                489103.59
      3759859.22        2.15843  (14021304)
      488940.48   3759893.26        2.08614  (13122605)                488472.34
      3759865.64        1.93790  (14021406)
      488432.53   3759884.27        1.94819  (16090507)                488713.15
      3759827.76        2.00077  (12111305)
      487562.29   3760285.62        1.96339  (14090307)                487809.35
      3760420.86        2.03806  (14090307)
      487553.10   3761208.24        1.94476  (14011223)                487899.76
      3760972.40        2.01471  (12012824)
      487983.18   3762301.23        2.37490  (16123016)                487913.66
      3762403.25        2.38197  (16123016)
      487890.59   3762238.09        2.29111  (16123016)                488190.14
      3762513.88        2.42844  (16123016)
      488424.39   3762586.51        2.48758  (14022723)                488657.54
      3762495.87        2.79646  (14022723)
      488908.17   3762583.23        3.03842  (14011323)                489170.26
      3762660.77        3.49563  (12010119)
      489382.17   3762809.64        3.82748  (13030722)                489294.91
      3762783.65        3.69813  (13030722)
      489889.72   3762661.22        5.21467  (13030722)                490022.93
      3762783.29        5.13782  (14011322)
      490423.96   3762839.25        5.98371  (14120316)                490375.94
      3762870.37        5.80749  (14120316)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:07:36

                    PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                               VOL6        , VOL7        , VOL8        ,
               VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
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VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	10.04439	(13021806)	491132.33	3762903.51	7.75393	(14120316)
492828.06	3762200.49	37.13881	(12081401)	492961.55	3762258.51	30.75001	(12091923)
493033.99	3762272.60	35.20311	(12080206)	493032.31	3762205.18	33.45841	(12081004)
493087.32	3762215.25	32.34259	(13083105)	493079.94	3762296.41	33.86041	(12080206)
493163.79	3762367.18	22.69397	(12081401)	493068.87	3762510.05	27.93900	(13071201)
493101.07	3762454.71	30.32983	(13071201)	493281.84	3762369.19	27.33900	(12091923)
493351.51	3762095.42	27.16176	(13072306)	493439.48	3762105.84	25.57921	(12120617)
493972.90	3763044.23	16.76926	(12071206)	493957.03	3763184.09	15.73249	(12071206)
493583.55	3763480.45	12.52199	(13020219)	493258.47	3763568.15	10.89095	(13070402)
492895.78	3763485.72	6.26058	(12081701)	493781.01	3761659.05	28.02292	(12071206)
493797.63	3761658.35	27.60550	(12071206)	493831.94	3761631.47	27.02914	(13081206)
493900.20	3761664.01	25.82063	(13081206)	493918.59	3761666.13	25.93151	(13081206)
493929.55	3761662.24	26.23215	(13081206)	493945.82	3761667.90	25.61908	(13081206)
493758.37	3761524.30	28.27964	(12080101)	493961.03	3761672.85	25.21594	(13081206)
493975.18	3761679.57	25.32560	(13081206)	493987.55	3761687.70	25.01250	(13081206)
493998.87	3761697.25	24.82789	(13081206)	494007.71	3761707.51	24.33468	(13081206)
494016.91	3761718.12	23.55069	(13081206)	494024.69	3761730.85	23.66489	(12071206)
492955.24	3762130.13	32.97055	(13061923)	492955.24	3761996.30	33.59270	(13090721)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,

VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	19.61148	(12120324)	493409.97	3761986.39	18.76631	(12120324)
493417.46	3761972.99	18.83426	(12120324)	493468.31	3761958.40	17.84266	(12120324)
493499.84	3761947.37	17.61434	(12120324)	493614.36	3761892.81	16.39138	(12120324)
493613.66	3761905.05	16.46205	(12120324)	493614.36	3761917.12	16.23719	(12120324)
493614.36	3761927.44	16.32132	(12100724)	493613.31	3761940.20	16.42898	(12100724)
493616.46	3761952.10	16.25578	(12100724)	493615.23	3761961.71	16.12212	(12100724)
493614.53	3761973.78	15.94215	(12100724)	493614.01	3761984.98	15.77366	(12100724)
493613.66	3761996.52	15.60935	(12100724)	493614.18	3762007.36	15.45976	(12100724)
493615.76	3762018.56	15.30663	(12100724)	493614.71	3762025.73	15.21617	(12100724)
493614.36	3762035.00	15.09684	(12100724)	493613.13	3762043.74	14.98978	(12100724)
493613.66	3762052.14	14.87814	(12100724)	493613.83	3762061.58	14.75334	(12100724)
493614.18	3762071.55	14.61914	(12100724)	493696.46	3761742.53	15.70503	(14112024)
493707.35	3761768.92	15.10089	(12120324)	493727.98	3761742.80	16.17475	(12120324)
493755.61	3761733.69	16.90146	(14112024)	493750.48	3761720.58	17.09304	(14112024)
493745.92	3761709.48	17.15324	(14112024)	493741.37	3761696.95	17.36332	(14112024)
493738.52	3761681.00	17.73900	(14112024)	493737.38	3761663.91	18.28073	(14112024)
493736.52	3761651.38	18.56089	(14112024)	494418.08	3761416.13	26.39571	(12120324)
494473.73	3761368.11	24.95178	(12120324)	494939.85	3761394.35	14.43884	(13080308)
494686.37	3761403.42	17.44452	(13080308)	494575.98	3761568.60	14.15106	(14112024)
494541.49	3761602.79	13.81791	(14112024)	494822.53	3761435.24	14.90271	(13080308)
494846.18	3761504.63	13.17552	(13080308)	494841.06	3761535.78	12.41336	(13080308)
494837.90	3761553.12	11.99291	(14111208)	494885.61	3761199.09	14.96034	(12120324)
494976.68	3761325.65	15.11690	(12120324)	494985.35	3761366.25	14.43026	(12120324)
495070.90	3761299.23	13.06924	(12120324)	495115.47	3760632.60	12.32867	(13102324)
495069.03	3760685.30	12.79296	(13102324)	495087.55	3760728.31	12.99510	(13102324)
495079.90	3760834.52	13.14696	(13102324)	495202.38	3760883.65	12.87254	(13102324)
495237.63	3760939.31	12.42381	(12091208)	495298.45			

3761048.56 12.01396 (12091208)
490844.43 3759375.83 1.89973c (13120824) 490895.79
3759357.70 1.91280c (13120824)
490596.67 3759246.67 1.72025c (13120824) 489103.59
3759859.22 1.72472 (14021308)
488940.48 3759893.26 1.68131 (14021308) 488472.34
3759865.64 1.53836 (14021308)
488432.53 3759884.27 1.52766 (14021308) 488713.15
3759827.76 1.60075 (14021308)
487562.29 3760285.62 1.02466 (13112408) 487809.35
3760420.86 1.10134 (13112408)
487553.10 3761208.24 1.14263 (12122008) 487899.76
3760972.40 1.16846 (12122008)
487983.18 3762301.23 1.10682 (12122008) 487913.66
3762403.25 1.00341 (12122008)
487890.59 3762238.09 1.12038 (12122008) 488190.14
3762513.88 0.97535 (12122008)
488424.39 3762586.51 1.02945 (12010124) 488657.54
3762495.87 1.15074 (12010124)
488908.17 3762583.23 1.29055 (12010124) 489170.26
3762660.77 1.48341 (12010124)
489382.17 3762809.64 1.62601 (13030724) 489294.91
3762783.65 1.56132 (13030724)
489889.72 3762661.22 2.30263 (14011324) 490022.93
3762783.29 2.37359 (14120608)
490423.96 3762839.25 3.09347 (14120608) 490375.94
3762870.37 2.95171 (14120608)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	8.32242	(14120608)	491132.33	3762903.51	5.55195	(14120608)
492828.06	3762200.49	28.65003	(12120324)	492961.55	3762258.51	21.41107	(14013008)
493033.99	3762272.60	22.29304	(14111208)	493032.31	3762205.18	23.60012	(12120324)
493087.32	3762215.25	21.12149	(13080308)	493079.94	3762296.41	20.86333	(14111208)
493163.79	3762367.18	15.04307	(14013008)	493068.87	3762510.05	16.27269	(14013008)
493101.07	3762454.71	17.23257	(14013008)	493281.84			

3762369.19 15.95593 (14013008)
493351.51 3762095.42 18.14661 (12120324) 493439.48
3762105.84 16.54302 (13062508)
493972.90 3763044.23 6.04754 (12021924) 493957.03
3763184.09 5.63382 (12021924)
493583.55 3763480.45 4.85361 (16010524) 493258.47
3763568.15 4.36192 (12120624)
492895.78 3763485.72 4.14726 (12120624) 493781.01
3761659.05 19.63053 (14112024)
493797.63 3761658.35 19.46425 (14112024) 493831.94
3761631.47 19.31000 (14112024)
493900.20 3761664.01 18.31736 (14112024) 493918.59
3761666.13 18.27228 (14112024)
493929.55 3761662.24 18.43146 (14112024) 493945.82
3761667.90 17.97682 (14112024)
493758.37 3761524.30 20.10261 (14112024) 493961.03
3761672.85 17.67774 (14112024)
493975.18 3761679.57 17.65391 (14112024) 493987.55
3761687.70 17.40599 (14112024)
493998.87 3761697.25 17.22839 (14112024) 494007.71
3761707.51 16.89133 (14112024)
494016.91 3761718.12 16.36064 (14112024) 494024.69
3761730.85 16.37485 (14112024)
492955.24 3762130.13 25.45394 (12120324) 492955.24
3761996.30 27.62929 (12120324)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	37.13881	ON 12081401: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	28.65003	ON 12120324: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 305 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 305 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
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**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Ops NOX\15218
Ph2 Ops NOX.ADI
**
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** AERMOD Control Pathway
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**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Ops NOX.err"
CO FINISHED
**
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** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     492327.129  3761158.133      691.910
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	492233.581	3761067.343	675.260
LOCATION VOL50	VOLUME	492192.929	3761161.034	689.050
LOCATION VOL51	VOLUME	492228.437	3761295.115	697.580
LOCATION VOL52	VOLUME	492300.141	3761057.092	680.370
LOCATION VOL57	VOLUME	492130.222	3761291.009	684.820
LOCATION VOL58	VOLUME	492441.376	3761006.617	686.980
LOCATION VOL59	VOLUME	492341.667	3761296.756	698.850
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
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LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492463.566	3761317.524	684.910
LOCATION VOL109	VOLUME	492461.207	3761175.998	697.060
LOCATION VOL110	VOLUME	492439.158	3761070.965	692.950
LOCATION VOL111	VOLUME	492542.629	3761459.050	684.570
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090
LOCATION VOL116	VOLUME	494005.497	3761391.736	716.150
LOCATION VOL117	VOLUME	494278.568	3761268.413	705.410
LOCATION VOL118	VOLUME	494351.241	3761308.052	709.780
LOCATION VOL119	VOLUME	491794.496	3762014.956	683.700
LOCATION VOL120	VOLUME	491794.496	3762136.076	681.790
LOCATION VOL121	VOLUME	491651.353	3762014.956	680.920
LOCATION VOL122	VOLUME	491655.758	3762138.279	683.820
LOCATION VOL123	VOLUME	491459.763	3761713.256	683.590

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   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
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** Source Parameters **
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   SRCPARAM VOL64        0.0042751081     5.000    31.816     1.400
   SRCPARAM VOL65        0.0042751081     5.000    31.816     1.400
   SRCPARAM VOL66        0.0042751081     5.000    31.816     1.400
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SRCPARAM VOL131       0.0042751081     5.000    31.816     1.400
SRCPARAM VOL132       0.0042751081     5.000    31.816     1.400
SRCPARAM VOL133       0.0042751081     5.000    31.816     1.400
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   SRCPARAM VOL146       0.0042751081     5.000    31.816     1.400
   SRCPARAM VOL147       0.0042751081     5.000    31.816     1.400
   SRCPARAM VOL148       0.0042751081     5.000    31.816     1.400
   SRCPARAM VOL149       0.0042751081     5.000    31.816     1.400
   SRCPARAM VOL150       0.0042751081     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
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** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Ops NOX.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH2 OPS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph2 Ops NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)
```

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186     305       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     305       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:13:50

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   121 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NOX

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:    121 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    121 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
```

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph2 Ops
NOX.err
**File for Summary of Results: 15218 Ph2 Ops
NOX.sum

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:13:50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL4	0	0.42751E-02	NO	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES									
VOL5	0	0.42751E-02	NO	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES									
VOL6	0	0.42751E-02	NO	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES									
VOL7	0	0.42751E-02	NO	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES									
VOL8	0	0.42751E-02	NO	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES									
VOL9	0	0.42751E-02	NO	493145.9	3761467.1	686.4	5.00	31.82	1.40
YES									
VOL10	0	0.42751E-02	NO	493285.0	3761471.8	687.9	5.00	31.82	1.40
YES									
VOL11	0	0.42751E-02	NO	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES									
VOL12	0	0.42751E-02	NO	492327.1	3761158.1	691.9	5.00	31.82	1.40
YES									
VOL16	0	0.42751E-02	NO	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES									

VOL17	0	0.42751E-02	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES		NO						
VOL18	0	0.42751E-02	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES		NO						
VOL19	0	0.42751E-02	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES		NO						
VOL20	0	0.42751E-02	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES		NO						
VOL21	0	0.42751E-02	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.42751E-02	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.42751E-02	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.42751E-02	493874.8	3761274.2	695.9	5.00	31.82	1.40
YES		NO						
VOL25	0	0.42751E-02	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						
VOL26	0	0.42751E-02	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES		NO						
VOL30	0	0.42751E-02	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES		NO						
VOL31	0	0.42751E-02	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES		NO						
VOL35	0	0.42751E-02	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES		NO						
VOL36	0	0.42751E-02	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES		NO						
VOL37	0	0.42751E-02	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES		NO						
VOL46	0	0.42751E-02	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES		NO						
VOL47	0	0.42751E-02	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES		NO						
VOL48	0	0.42751E-02	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES		NO						
VOL49	0	0.42751E-02	492233.6	3761067.3	675.3	5.00	31.82	1.40
YES		NO						
VOL50	0	0.42751E-02	492192.9	3761161.0	689.0	5.00	31.82	1.40
YES		NO						
VOL51	0	0.42751E-02	492228.4	3761295.1	697.6	5.00	31.82	1.40
YES		NO						
VOL52	0	0.42751E-02	492300.1	3761057.1	680.4	5.00	31.82	1.40
YES		NO						
VOL57	0	0.42751E-02	492130.2	3761291.0	684.8	5.00	31.82	1.40
YES		NO						
VOL58	0	0.42751E-02	492441.4	3761006.6	687.0	5.00	31.82	1.40
YES		NO						
VOL59	0	0.42751E-02	492341.7	3761296.8	698.8	5.00	31.82	1.40
YES		NO						
VOL64	0	0.42751E-02	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.42751E-02	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.42751E-02	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.42751E-02	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.42751E-02	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY CATS. BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL69	0 YES	0.42751E-02 NO	491694.4	3762248.6	690.2	5.00	31.82	1.40
VOL70	0 YES	0.42751E-02 NO	492517.7	3762136.8	695.7	5.00	31.82	1.40
VOL71	0 YES	0.42751E-02 NO	492381.8	3762134.3	693.9	5.00	31.82	1.40
VOL72	0 YES	0.42751E-02 NO	492248.5	3762143.5	690.0	5.00	31.82	1.40
VOL74	0 YES	0.42751E-02 NO	491979.9	3762077.8	692.8	5.00	31.82	1.40
VOL75	0 YES	0.42751E-02 NO	491917.1	3762126.5	686.3	5.00	31.82	1.40
VOL76	0 YES	0.42751E-02 NO	492112.2	3762045.6	687.6	5.00	31.82	1.40
VOL77	0 YES	0.42751E-02 NO	492234.6	3761900.7	682.3	5.00	31.82	1.40
VOL78	0 YES	0.42751E-02 NO	492517.7	3762002.9	686.1	5.00	31.82	1.40
VOL79	0 YES	0.42751E-02 NO	492381.8	3762000.4	683.7	5.00	31.82	1.40
VOL80	0 YES	0.42751E-02 NO	492248.5	3762009.6	684.6	5.00	31.82	1.40
VOL81	0 YES	0.42751E-02 NO	492101.1	3761906.6	686.0	5.00	31.82	1.40
VOL82	0 YES	0.42751E-02 NO	491981.9	3761950.4	678.8	5.00	31.82	1.40
VOL83	0 YES	0.42751E-02 NO	491977.0	3761816.6	673.3	5.00	31.82	1.40
VOL84	0 YES	0.42751E-02 NO	491928.4	3761984.5	688.2	5.00	31.82	1.40
VOL85	0 YES	0.42751E-02 NO	491930.8	3761843.4	679.8	5.00	31.82	1.40
VOL86	0 YES	0.42751E-02 NO	491794.5	3761889.6	686.2	5.00	31.82	1.40
VOL87	0 YES	0.42751E-02 NO	491658.3	3761877.4	655.9	5.00	31.82	1.40
VOL88	0 YES	0.42751E-02 NO	491835.9	3761787.4	683.2	5.00	31.82	1.40
VOL89	0 YES	0.42751E-02 NO	491702.1	3761770.4	661.0	5.00	31.82	1.40
VOL90	0 YES	0.42751E-02 NO	491592.6	3761743.6	657.9	5.00	31.82	1.40
VOL91	0 YES	0.42751E-02 NO	491801.8	3762386.9	675.2	5.00	31.82	1.40
VOL92	0 YES	0.42751E-02 NO	493009.6	3761326.3	677.2	5.00	31.82	1.40
VOL93	0 YES	0.42751E-02 NO	493007.3	3761184.8	680.7	5.00	31.82	1.40
VOL94	0 YES	0.42751E-02 NO	492989.8	3761059.4	667.2	5.00	31.82	1.40
VOL95	0 YES	0.42751E-02 NO	493007.3	3761467.9	685.7	5.00	31.82	1.40

VOL96 0 0.42751E-02 492870.9 3761328.5 683.9 5.00 31.82 1.40
YES NO
VOL97 0 0.42751E-02 492868.6 3761187.0 685.6 5.00 31.82 1.40
YES NO
VOL98 0 0.42751E-02 492851.0 3761061.6 685.9 5.00 31.82 1.40
YES NO
VOL99 0 0.42751E-02 492868.6 3761470.1 684.7 5.00 31.82 1.40
YES NO
VOL100 0 0.42751E-02 492734.4 3761330.7 695.1 5.00 31.82 1.40
YES NO
VOL101 0 0.42751E-02 492732.0 3761189.2 696.1 5.00 31.82 1.40
YES NO
VOL102 0 0.42751E-02 492714.5 3761063.8 701.2 5.00 31.82 1.40
YES NO
VOL103 0 0.42751E-02 492732.0 3761472.3 683.0 5.00 31.82 1.40
YES NO
VOL104 0 0.42751E-02 492600.0 3761332.9 685.1 5.00 31.82 1.40
YES NO
VOL105 0 0.42751E-02 492597.7 3761191.4 696.6 5.00 31.82 1.40
YES NO
VOL106 0 0.42751E-02 492580.2 3761066.0 698.9 5.00 31.82 1.40
YES NO
VOL107 0 0.42751E-02 492597.7 3761474.5 684.3 5.00 31.82 1.40
YES NO
VOL108 0 0.42751E-02 492463.6 3761317.5 684.9 5.00 31.82 1.40
YES NO
VOL109 0 0.42751E-02 492461.2 3761176.0 697.1 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL110	0	0.42751E-02	492439.2	3761071.0	692.9	5.00	31.82	1.40	
YES		NO							
VOL111	0	0.42751E-02	492542.6	3761459.0	684.6	5.00	31.82	1.40	
YES		NO							
VOL112	0	0.42751E-02	492547.6	3761006.4	698.0	5.00	31.82	1.40	
YES		NO							
VOL113	0	0.42751E-02	492686.4	3761006.4	700.8	5.00	31.82	1.40	
YES		NO							
VOL114	0	0.42751E-02	492827.3	3761010.8	686.2	5.00	31.82	1.40	
YES		NO							
VOL115	0	0.42751E-02	494155.2	3761385.1	718.1	5.00	31.82	1.40	
YES		NO							
VOL116	0	0.42751E-02	494005.5	3761391.7	716.1	5.00	31.82	1.40	
YES		NO							
VOL117	0	0.42751E-02	494278.6	3761268.4	705.4	5.00	31.82	1.40	
YES		NO							
VOL118	0	0.42751E-02	494351.2	3761308.1	709.8	5.00	31.82	1.40	
YES		NO							

VOL119	0	0.42751E-02	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.42751E-02	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.42751E-02	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.42751E-02	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.42751E-02	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.42751E-02	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.42751E-02	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.42751E-02	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.42751E-02	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.42751E-02	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.42751E-02	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.42751E-02	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.42751E-02	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.42751E-02	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.42751E-02	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.42751E-02	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.42751E-02	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.42751E-02	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.42751E-02	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.42751E-02	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.42751E-02	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.42751E-02	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.42751E-02	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						
VOL142	0	0.42751E-02	492058.8	3762453.2	684.2	5.00	31.82	1.40
YES		NO						
VOL143	0	0.42751E-02	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.42751E-02	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.42751E-02	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.42751E-02	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.42751E-02	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.42751E-02	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.42751E-02	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL150	0	0.42751E-02	494324.8	3760958.9	696.9	5.00	31.82	1.40	YES

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL57 , VOL58 , VOL59 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL57 , VOL58 , VOL59 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
		VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
		VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
		VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
		VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
		VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
		VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
		VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,
		VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,

730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,

719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,
723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8,
723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3,
699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met

Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90				

```
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:13:50

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                  VOL17       , VOL18       , VOL19       ,
                  VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                  VOL25       , VOL26       , VOL30       ,
                  VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                  VOL47       , VOL48       ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF NOX      IN
                                     MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - -
```

```
      3761696.95        4.11397  (13071201)
      493738.52   3761681.00        4.18056  (13071201)                493737.38
      3761663.91        4.23165  (13071201)
      493736.52   3761651.38        4.25736  (13071201)                494418.08
      3761416.13        5.03166  (13071204)
      494473.73   3761368.11        5.03373  (12081004)                494939.85
      3761394.35        3.42826  (13083105)
      494686.37   3761403.42        4.17615  (12081004)                494575.98
      3761568.60        3.63915  (12080206)
      494541.49   3761602.79        3.35275  (12080206)                494822.53
      3761435.24        3.70581  (12081004)
      494846.18   3761504.63        3.46212  (12081804)                494841.06
      3761535.78        3.37323  (12080206)
      494837.90   3761553.12        3.35657  (12080206)                494885.61
      3761199.09        3.17158  (12072023)
      494976.68   3761325.65        3.42381  (13070705)                494985.35
      3761366.25        3.43160  (13083105)
      495070.90   3761299.23        2.79631  (12100521)                495115.47
      3760632.60        2.95690  (13082005)
      495069.03   3760685.30        3.02520  (12060102)                495087.55
      3760728.31        3.03265  (12080101)
      495079.90   3760834.52        3.03174  (13072504)                495202.38
      3760883.65        3.03451  (13072504)
      495237.63   3760939.31        3.05806  (12091206)                495298.45
      3761048.56        2.98191  (12090520)
      490844.43   3759375.83        0.37900  (12010507)                490895.79
      3759357.70        0.38117  (12010507)
      490596.67   3759246.67        0.36113  (12110403)                489103.59
      3759859.22        0.31328  (14021304)
      488940.48   3759893.26        0.30279  (13122605)                488472.34
      3759865.64        0.28127  (14021406)
      488432.53   3759884.27        0.28276  (16090507)                488713.15
      3759827.76        0.29040  (12111305)
      487562.29   3760285.62        0.28497  (14090307)                487809.35
      3760420.86        0.29581  (14090307)
      487553.10   3761208.24        0.28227  (14011223)                487899.76
      3760972.40        0.29242  (12012824)
      487983.18   3762301.23        0.34470  (16123016)                487913.66
      3762403.25        0.34573  (16123016)
      487890.59   3762238.09        0.33254  (16123016)                488190.14
      3762513.88        0.35247  (16123016)
      488424.39   3762586.51        0.36105  (14022723)                488657.54
      3762495.87        0.40589  (14022723)
      488908.17   3762583.23        0.44100  (14011323)                489170.26
      3762660.77        0.50736  (12010119)
      489382.17   3762809.64        0.55553  (13030722)                489294.91
      3762783.65        0.53676  (13030722)
      489889.72   3762661.22        0.75687  (13030722)                490022.93
      3762783.29        0.74572  (14011322)
      490423.96   3762839.25        0.86849  (14120316)                490375.94
      3762870.37        0.84291  (14120316)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       16:13:50

                     PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                              VOL6        , VOL7        , VOL8        ,
                 VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                 VOL17       , VOL18       , VOL19       ,
                 VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
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VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.45787	(13021806)	491132.33	3762903.51	1.12543	(14120316)
492828.06	3762200.49	5.39043	(12081401)	492961.55	3762258.51	4.46314	(12091923)
493033.99	3762272.60	5.10947	(12080206)	493032.31	3762205.18	4.85624	(12081004)
493087.32	3762215.25	4.69429	(13083105)	493079.94	3762296.41	4.91459	(12080206)
493163.79	3762367.18	3.29386	(12081401)	493068.87	3762510.05	4.05514	(13071201)
493101.07	3762454.71	4.40215	(13071201)	493281.84	3762369.19	3.96806	(12091923)
493351.51	3762095.42	3.94233	(13072306)	493439.48	3762105.84	3.71263	(12120617)
493972.90	3763044.23	2.43393	(12071206)	493957.03	3763184.09	2.28346	(12071206)
493583.55	3763480.45	1.81747	(13020219)	493258.47	3763568.15	1.58074	(13070402)
492895.78	3763485.72	0.90868	(12081701)	493781.01	3761659.05	4.06732	(12071206)
493797.63	3761658.35	4.00674	(12071206)	493831.94	3761631.47	3.92308	(13081206)
493900.20	3761664.01	3.74767	(13081206)	493918.59	3761666.13	3.76377	(13081206)
493929.55	3761662.24	3.80740	(13081206)	493945.82	3761667.90	3.71842	(13081206)
493758.37	3761524.30	4.10458	(12080101)	493961.03	3761672.85	3.65991	(13081206)
493975.18	3761679.57	3.67582	(13081206)	493987.55	3761687.70	3.63038	(13081206)
493998.87	3761697.25	3.60359	(13081206)	494007.71	3761707.51	3.53200	(13081206)
494016.91	3761718.12	3.41821	(13081206)	494024.69	3761730.85	3.43479	(12071206)
492955.24	3762130.13	4.78543	(13061923)	492955.24	3761996.30	4.87573	(13090721)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN
MICROGRAMS/M**3 **

DATE

NETWORK

GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

- - - -

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Ops PM10\15218
Ph2 Ops PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Ops PM10.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     492327.129  3761158.133      691.910
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	492233.581	3761067.343	675.260
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LOCATION VOL52	VOLUME	492300.141	3761057.092	680.370
LOCATION VOL57	VOLUME	492130.222	3761291.009	684.820
LOCATION VOL58	VOLUME	492441.376	3761006.617	686.980
LOCATION VOL59	VOLUME	492341.667	3761296.756	698.850
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
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LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
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LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492463.566	3761317.524	684.910
LOCATION VOL109	VOLUME	492461.207	3761175.998	697.060
LOCATION VOL110	VOLUME	492439.158	3761070.965	692.950
LOCATION VOL111	VOLUME	492542.629	3761459.050	684.570
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090
LOCATION VOL116	VOLUME	494005.497	3761391.736	716.150
LOCATION VOL117	VOLUME	494278.568	3761268.413	705.410
LOCATION VOL118	VOLUME	494351.241	3761308.052	709.780
LOCATION VOL119	VOLUME	491794.496	3762014.956	683.700
LOCATION VOL120	VOLUME	491794.496	3762136.076	681.790
LOCATION VOL121	VOLUME	491651.353	3762014.956	680.920
LOCATION VOL122	VOLUME	491655.758	3762138.279	683.820
LOCATION VOL123	VOLUME	491459.763	3761713.256	683.590

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   LOCATION VOL124       VOLUME     491398.101  3761664.807      677.350
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   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
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   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
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   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
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   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
   LOCATION VOL150       VOLUME     494324.764  3760958.902      696.880
** Source Parameters **
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SRCPARAM VOL133       0.0023523804     5.000    31.816     1.400
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   SRCPARAM VOL144       0.0023523804     5.000    31.816     1.400
   SRCPARAM VOL145       0.0023523804     5.000    31.816     1.400
   SRCPARAM VOL146       0.0023523804     5.000    31.816     1.400
   SRCPARAM VOL147       0.0023523804     5.000    31.816     1.400
   SRCPARAM VOL148       0.0023523804     5.000    31.816     1.400
   SRCPARAM VOL149       0.0023523804     5.000    31.816     1.400
   SRCPARAM VOL150       0.0023523804     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Ops PM10.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH2 OPS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph2 Ops PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)
```

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186     305       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     305       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:19:47

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   121 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:    121 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    121 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
```

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph2 Ops PM10.err
**File for Summary of Results: 15218 Ph2 Ops PM10.sum

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:19:47

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL4	0	0.23524E-02	NO	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES									
VOL5	0	0.23524E-02	NO	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES									
VOL6	0	0.23524E-02	NO	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES									
VOL7	0	0.23524E-02	NO	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES									
VOL8	0	0.23524E-02	NO	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES									
VOL9	0	0.23524E-02	NO	493145.9	3761467.1	686.4	5.00	31.82	1.40
YES									
VOL10	0	0.23524E-02	NO	493285.0	3761471.8	687.9	5.00	31.82	1.40
YES									
VOL11	0	0.23524E-02	NO	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES									
VOL12	0	0.23524E-02	NO	492327.1	3761158.1	691.9	5.00	31.82	1.40
YES									
VOL16	0	0.23524E-02	NO	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES									

VOL17	0	0.23524E-02	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES		NO						
VOL18	0	0.23524E-02	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES		NO						
VOL19	0	0.23524E-02	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES		NO						
VOL20	0	0.23524E-02	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES		NO						
VOL21	0	0.23524E-02	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.23524E-02	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.23524E-02	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.23524E-02	493874.8	3761274.2	695.9	5.00	31.82	1.40
YES		NO						
VOL25	0	0.23524E-02	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						
VOL26	0	0.23524E-02	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES		NO						
VOL30	0	0.23524E-02	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES		NO						
VOL31	0	0.23524E-02	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES		NO						
VOL35	0	0.23524E-02	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES		NO						
VOL36	0	0.23524E-02	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES		NO						
VOL37	0	0.23524E-02	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES		NO						
VOL46	0	0.23524E-02	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES		NO						
VOL47	0	0.23524E-02	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES		NO						
VOL48	0	0.23524E-02	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES		NO						
VOL49	0	0.23524E-02	492233.6	3761067.3	675.3	5.00	31.82	1.40
YES		NO						
VOL50	0	0.23524E-02	492192.9	3761161.0	689.0	5.00	31.82	1.40
YES		NO						
VOL51	0	0.23524E-02	492228.4	3761295.1	697.6	5.00	31.82	1.40
YES		NO						
VOL52	0	0.23524E-02	492300.1	3761057.1	680.4	5.00	31.82	1.40
YES		NO						
VOL57	0	0.23524E-02	492130.2	3761291.0	684.8	5.00	31.82	1.40
YES		NO						
VOL58	0	0.23524E-02	492441.4	3761006.6	687.0	5.00	31.82	1.40
YES		NO						
VOL59	0	0.23524E-02	492341.7	3761296.8	698.8	5.00	31.82	1.40
YES		NO						
VOL64	0	0.23524E-02	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.23524E-02	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.23524E-02	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.23524E-02	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.23524E-02	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL69	0	0.23524E-02	491694.4	3762248.6	690.2	5.00	31.82	1.40	YES
VOL70	0	0.23524E-02	492517.7	3762136.8	695.7	5.00	31.82	1.40	YES
VOL71	0	0.23524E-02	492381.8	3762134.3	693.9	5.00	31.82	1.40	YES
VOL72	0	0.23524E-02	492248.5	3762143.5	690.0	5.00	31.82	1.40	YES
VOL74	0	0.23524E-02	491979.9	3762077.8	692.8	5.00	31.82	1.40	YES
VOL75	0	0.23524E-02	491917.1	3762126.5	686.3	5.00	31.82	1.40	YES
VOL76	0	0.23524E-02	492112.2	3762045.6	687.6	5.00	31.82	1.40	YES
VOL77	0	0.23524E-02	492234.6	3761900.7	682.3	5.00	31.82	1.40	YES
VOL78	0	0.23524E-02	492517.7	3762002.9	686.1	5.00	31.82	1.40	YES
VOL79	0	0.23524E-02	492381.8	3762000.4	683.7	5.00	31.82	1.40	YES
VOL80	0	0.23524E-02	492248.5	3762009.6	684.6	5.00	31.82	1.40	YES
VOL81	0	0.23524E-02	492101.1	3761906.6	686.0	5.00	31.82	1.40	YES
VOL82	0	0.23524E-02	491981.9	3761950.4	678.8	5.00	31.82	1.40	YES
VOL83	0	0.23524E-02	491977.0	3761816.6	673.3	5.00	31.82	1.40	YES
VOL84	0	0.23524E-02	491928.4	3761984.5	688.2	5.00	31.82	1.40	YES
VOL85	0	0.23524E-02	491930.8	3761843.4	679.8	5.00	31.82	1.40	YES
VOL86	0	0.23524E-02	491794.5	3761889.6	686.2	5.00	31.82	1.40	YES
VOL87	0	0.23524E-02	491658.3	3761877.4	655.9	5.00	31.82	1.40	YES
VOL88	0	0.23524E-02	491835.9	3761787.4	683.2	5.00	31.82	1.40	YES
VOL89	0	0.23524E-02	491702.1	3761770.4	661.0	5.00	31.82	1.40	YES
VOL90	0	0.23524E-02	491592.6	3761743.6	657.9	5.00	31.82	1.40	YES
VOL91	0	0.23524E-02	491801.8	3762386.9	675.2	5.00	31.82	1.40	YES
VOL92	0	0.23524E-02	493009.6	3761326.3	677.2	5.00	31.82	1.40	YES
VOL93	0	0.23524E-02	493007.3	3761184.8	680.7	5.00	31.82	1.40	YES
VOL94	0	0.23524E-02	492989.8	3761059.4	667.2	5.00	31.82	1.40	YES
VOL95	0	0.23524E-02	493007.3	3761467.9	685.7	5.00	31.82	1.40	YES

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 VOL96           0   0.23524E-02  492870.9 3761328.5   683.9     5.00    31.82     1.40
 YES                   NO
 VOL97           0   0.23524E-02  492868.6 3761187.0   685.6     5.00    31.82     1.40
 YES                   NO
 VOL98           0   0.23524E-02  492851.0 3761061.6   685.9     5.00    31.82     1.40
 YES                   NO
 VOL99           0   0.23524E-02  492868.6 3761470.1   684.7     5.00    31.82     1.40
 YES                   NO
 VOL100          0   0.23524E-02  492734.4 3761330.7   695.1     5.00    31.82     1.40
 YES                   NO
 VOL101          0   0.23524E-02  492732.0 3761189.2   696.1     5.00    31.82     1.40
 YES                   NO
 VOL102          0   0.23524E-02  492714.5 3761063.8   701.2     5.00    31.82     1.40
 YES                   NO
 VOL103          0   0.23524E-02  492732.0 3761472.3   683.0     5.00    31.82     1.40
 YES                   NO
 VOL104          0   0.23524E-02  492600.0 3761332.9   685.1     5.00    31.82     1.40
 YES                   NO
 VOL105          0   0.23524E-02  492597.7 3761191.4   696.6     5.00    31.82     1.40
 YES                   NO
 VOL106          0   0.23524E-02  492580.2 3761066.0   698.9     5.00    31.82     1.40
 YES                   NO
 VOL107          0   0.23524E-02  492597.7 3761474.5   684.3     5.00    31.82     1.40
 YES                   NO
 VOL108          0   0.23524E-02  492463.6 3761317.5   684.9     5.00    31.82     1.40
 YES                   NO
 VOL109          0   0.23524E-02  492461.2 3761176.0   697.1     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:19:47

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL110          0   0.23524E-02  492439.2 3761071.0   692.9     5.00    31.82     1.40
 YES                   NO
 VOL111          0   0.23524E-02  492542.6 3761459.0   684.6     5.00    31.82     1.40
 YES                   NO
 VOL112          0   0.23524E-02  492547.6 3761006.4   698.0     5.00    31.82     1.40
 YES                   NO
 VOL113          0   0.23524E-02  492686.4 3761006.4   700.8     5.00    31.82     1.40
 YES                   NO
 VOL114          0   0.23524E-02  492827.3 3761010.8   686.2     5.00    31.82     1.40
 YES                   NO
 VOL115          0   0.23524E-02  494155.2 3761385.1   718.1     5.00    31.82     1.40
 YES                   NO
 VOL116          0   0.23524E-02  494005.5 3761391.7   716.1     5.00    31.82     1.40
 YES                   NO
 VOL117          0   0.23524E-02  494278.6 3761268.4   705.4     5.00    31.82     1.40
 YES                   NO
 VOL118          0   0.23524E-02  494351.2 3761308.1   709.8     5.00    31.82     1.40
 YES                   NO
```

VOL119	0	0.23524E-02	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.23524E-02	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.23524E-02	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.23524E-02	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.23524E-02	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.23524E-02	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.23524E-02	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.23524E-02	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.23524E-02	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.23524E-02	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.23524E-02	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.23524E-02	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.23524E-02	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.23524E-02	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.23524E-02	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.23524E-02	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.23524E-02	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.23524E-02	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.23524E-02	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.23524E-02	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.23524E-02	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.23524E-02	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.23524E-02	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						
VOL142	0	0.23524E-02	492058.8	3762453.2	684.2	5.00	31.82	1.40
YES		NO						
VOL143	0	0.23524E-02	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.23524E-02	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.23524E-02	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.23524E-02	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.23524E-02	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.23524E-02	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.23524E-02	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL150	0	0.23524E-02	494324.8	3760958.9	696.9	5.00	31.82	1.40	YES

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL57 , VOL58 , VOL59 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL57 , VOL58 , VOL59 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
		VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
		VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
		VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
		VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
		VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
		VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
		VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,
		VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,

730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,

719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,
723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8,
723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3,
699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met

Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90				

105. 9.1 285.9 5.5

First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
12 01 01 01 5.5 0 -999. -99.00 285.5 99.0 -99.00 -99.00
12 01 01 01 9.1 1 110. 1.30 -999.0 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:19:47

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.85216	(13102324)	493409.97	3761986.39	0.83666	(13102324)
493417.46	3761972.99	0.84515	(13102324)	493468.31	3761958.40	0.81277	(12110124)
493499.84	3761947.37	0.79403	(12110124)	493614.36	3761892.81	0.71623	(12110124)
493613.66	3761905.05	0.71815	(12110124)	493614.36	3761917.12	0.71192	(12110124)
493614.36	3761927.44	0.71385	(12110124)	493613.31	3761940.20	0.71345	(12110124)
493616.46	3761952.10	0.70541	(12110124)	493615.23	3761961.71	0.70174	(12110124)
493614.53	3761973.78	0.69709	(12110124)	493614.01	3761984.98	0.69318	(12110124)
493613.66	3761996.52	0.68890	(12110124)	493614.18	3762007.36	0.68450	(12110124)
493615.76	3762018.56	0.67958	(12110124)	493614.71	3762025.73	0.67777	(12110124)
493614.36	3762035.00	0.67491	(12110124)	493613.13	3762043.74	0.67253	(12110124)
493613.66	3762052.14	0.66946	(12110124)	493613.83	3762061.58	0.66615	(12110124)
493614.18	3762071.55	0.66238	(12110124)	493696.46	3761742.53	0.74124m	(14111524)
493707.35	3761768.92	0.71391m	(14111524)	493727.98	3761742.80	0.73116m	(14111524)
493755.61	3761733.69	0.73068m	(14111524)	493750.48	3761720.58	0.74411m	(14111524)
493745.92	3761709.48	0.75300m	(14111524)	493741.37			

3761696.95		0.76580m	(14111524)		
493738.52	3761681.00	0.78062m	(14111524)	493737.38	
3761663.91		0.79548m	(14111524)		
493736.52	3761651.38	0.80610m	(14111524)	494418.08	
3761416.13		1.17543	(13070724)		
494473.73	3761368.11	1.10152	(13070724)	494939.85	
3761394.35		0.62930	(13070724)		
494686.37	3761403.42	0.76076	(13070724)	494575.98	
3761568.60		0.57740	(12101024)		
494541.49	3761602.79	0.54814	(12101024)	494822.53	
3761435.24		0.62906	(13070724)		
494846.18	3761504.63	0.55542	(13070724)	494841.06	
3761535.78		0.52942	(13070724)		
494837.90	3761553.12	0.51577	(13070724)	494885.61	
3761199.09		0.63501	(13070724)		
494976.68	3761325.65	0.64689	(13070724)	494985.35	
3761366.25		0.62560	(13070724)		
495070.90	3761299.23	0.56488	(13070724)	495115.47	
3760632.60		0.48217	(12073124)		
495069.03	3760685.30	0.50895	(12073124)	495087.55	
3760728.31		0.52446	(12073124)		
495079.90	3760834.52	0.55026	(12073124)	495202.38	
3760883.65		0.52632	(12073124)		
495237.63	3760939.31	0.50971	(12073124)	495298.45	
3761048.56		0.51241c	(13090124)		
490844.43	3759375.83	0.10801	(15011124)	490895.79	
3759357.70		0.10864	(15011124)		
490596.67	3759246.67	0.09640	(15011124)	489103.59	
3759859.22		0.07747	(13122624)		
488940.48	3759893.26	0.07452	(13122624)	488472.34	
3759865.64		0.06608	(14021324)		
488432.53	3759884.27	0.06563	(14021324)	488713.15	
3759827.76		0.06962	(13122624)		
487562.29	3760285.62	0.05022	(15122224)	487809.35	
3760420.86		0.05426	(15122224)		
487553.10	3761208.24	0.05654	(12122024)	487899.76	
3760972.40		0.06009	(12122024)		
487983.18	3762301.23	0.06282	(15011124)	487913.66	
3762403.25		0.06084	(15011124)		
487890.59	3762238.09	0.06104	(15011124)	488190.14	
3762513.88		0.06624	(15011124)		
488424.39	3762586.51	0.07137	(15011124)	488657.54	
3762495.87		0.07965	(15011124)		
488908.17	3762583.23	0.08746	(15011124)	489170.26	
3762660.77		0.09841	(15011124)		
489382.17	3762809.64	0.10614	(15011124)	489294.91	
3762783.65		0.10226	(15011124)		
489889.72	3762661.22	0.14730	(15011124)	490022.93	
3762783.29		0.15027	(15011124)		
490423.96	3762839.25	0.18924	(15011124)	490375.94	
3762870.37		0.18112	(15011124)		

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,

VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.48181m	(14111524)	491132.33	3762903.51	0.32130	(15011124)
492828.06	3762200.49	1.50398m	(14111524)	492961.55	3762258.51	1.01749	(14013024)
493033.99	3762272.60	0.95958	(13070724)	493032.31	3762205.18	1.05350	(13070724)
493087.32	3762215.25	0.96436	(13070724)	493079.94	3762296.41	0.87629	(14013024)
493163.79	3762367.18	0.66328m	(14111524)	493068.87	3762510.05	0.63837	(14013024)
493101.07	3762454.71	0.68097	(14013024)	493281.84	3762369.19	0.64340	(14013024)
493351.51	3762095.42	0.78578	(13030624)	493439.48	3762105.84	0.70846	(13030624)
493972.90	3763044.23	0.27903	(12021924)	493957.03	3763184.09	0.24717	(12021924)
493583.55	3763480.45	0.19667	(16010524)	493258.47	3763568.15	0.18885	(16010524)
492895.78	3763485.72	0.22961m	(13010324)	493781.01	3761659.05	0.79315	(12101024)
493797.63	3761658.35	0.77879	(12101024)	493831.94	3761631.47	0.77082	(12101024)
493900.20	3761664.01	0.71992m	(14111524)	493918.59	3761666.13	0.72085m	(14111524)
493929.55	3761662.24	0.73176m	(14111524)	493945.82	3761667.90	0.71167m	(14111524)
493758.37	3761524.30	0.87420	(13102324)	493961.03	3761672.85	0.69954m	(14111524)
493975.18	3761679.57	0.69889m	(14111524)	493987.55	3761687.70	0.68731m	(14111524)
493998.87	3761697.25	0.67891m	(14111524)	494007.71	3761707.51	0.66218	(14013024)
494016.91	3761718.12	0.65594	(14013024)	494024.69	3761730.85	0.65012	(14013024)
492955.24	3762130.13	1.12603m	(14111524)	492955.24	3761996.30	1.27243m	(14111524)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

DATE

NETWORK

GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 1.50398m ON 14111524: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:19:47

PAGE 15
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 305 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 305 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 10/14/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph2 LST\15218 Ph2 Ops PM25\15218
Ph2 Ops PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph2 Ops PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     492327.129  3761158.133      691.910
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	492233.581	3761067.343	675.260
LOCATION VOL50	VOLUME	492192.929	3761161.034	689.050
LOCATION VOL51	VOLUME	492228.437	3761295.115	697.580
LOCATION VOL52	VOLUME	492300.141	3761057.092	680.370
LOCATION VOL57	VOLUME	492130.222	3761291.009	684.820
LOCATION VOL58	VOLUME	492441.376	3761006.617	686.980
LOCATION VOL59	VOLUME	492341.667	3761296.756	698.850
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
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LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
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LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492463.566	3761317.524	684.910
LOCATION VOL109	VOLUME	492461.207	3761175.998	697.060
LOCATION VOL110	VOLUME	492439.158	3761070.965	692.950
LOCATION VOL111	VOLUME	492542.629	3761459.050	684.570
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090
LOCATION VOL116	VOLUME	494005.497	3761391.736	716.150
LOCATION VOL117	VOLUME	494278.568	3761268.413	705.410
LOCATION VOL118	VOLUME	494351.241	3761308.052	709.780
LOCATION VOL119	VOLUME	491794.496	3762014.956	683.700
LOCATION VOL120	VOLUME	491794.496	3762136.076	681.790
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LOCATION VOL122	VOLUME	491655.758	3762138.279	683.820
LOCATION VOL123	VOLUME	491459.763	3761713.256	683.590

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   LOCATION VOL125       VOLUME     491380.484  3761770.513      674.750
   LOCATION VOL126       VOLUME     491523.626  3761851.994      657.220
   LOCATION VOL127       VOLUME     491448.752  3761907.048      668.820
   LOCATION VOL128       VOLUME     492778.876  3761534.878      683.590
   LOCATION VOL129       VOLUME     492911.007  3761534.878      684.000
   LOCATION VOL130       VOLUME     493065.161  3761816.759      708.650
   LOCATION VOL131       VOLUME     493058.554  3761717.660      705.190
   LOCATION VOL132       VOLUME     492988.084  3761807.950      705.320
   LOCATION VOL133       VOLUME     492981.477  3761735.277      701.790
   LOCATION VOL134       VOLUME     491550.052  3761986.327      682.650
   LOCATION VOL135       VOLUME     491409.112  3761992.934      680.060
   LOCATION VOL136       VOLUME     491457.560  3762125.065      662.660
   LOCATION VOL137       VOLUME     491567.670  3762125.065      679.290
   LOCATION VOL138       VOLUME     491561.063  3762266.006      677.300
   LOCATION VOL139       VOLUME     491662.364  3762387.126      668.980
   LOCATION VOL140       VOLUME     492329.628  3762378.318      687.970
   LOCATION VOL141       VOLUME     492195.295  3762409.148      670.190
   LOCATION VOL142       VOLUME     492058.759  3762453.192      684.210
   LOCATION VOL143       VOLUME     492135.836  3762514.853      686.220
   LOCATION VOL144       VOLUME     491926.627  3762475.214      684.170
   LOCATION VOL145       VOLUME     491781.283  3762517.056      682.340
   LOCATION VOL146       VOLUME     491926.627  3762517.056      687.810
   LOCATION VOL147       VOLUME     492038.939  3762517.056      687.890
   LOCATION VOL148       VOLUME     494205.896  3761460.003      714.000
   LOCATION VOL149       VOLUME     491610.647  3762444.907      676.340
   LOCATION VOL150       VOLUME     494324.764  3760958.902      696.880
** Source Parameters **
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SRCPARAM VOL89        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL90        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL91        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL92        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL93        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL94        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL95        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL96        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL97        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL98        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL99        0.0006488891     5.000    31.816     1.400
SRCPARAM VOL100       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL101       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL102       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL103       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL104       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL105       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL106       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL107       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL108       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL109       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL110       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL111       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL112       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL113       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL114       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL115       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL116       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL117       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL118       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL119       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL120       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL121       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL122       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL123       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL124       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL125       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL126       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL127       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL128       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL129       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL130       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL131       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL132       0.0006488891     5.000    31.816     1.400
SRCPARAM VOL133       0.0006488891     5.000    31.816     1.400
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   SRCPARAM VOL134       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL135       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL136       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL137       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL138       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL139       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL140       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL141       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL142       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL143       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL144       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL145       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL146       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL147       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL148       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL149       0.0006488891     5.000    31.816     1.400
   SRCPARAM VOL150       0.0006488891     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "15218 Ph2 Ops PM25.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH2 OPS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph2 Ops PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)
```

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186     305       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     305       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        16:25:50

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   121 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:    121 Source(s);       1 Source Group(s); and     116 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    121 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
```

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph2 Ops PM25.err
**File for Summary of Results: 15218 Ph2 Ops PM25.sum

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 10/14/24
*** AERMET - VERSION 16216 ***
*** *** 16:25:50

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL4	0	0.64889E-03	NO	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES									
VOL5	0	0.64889E-03	NO	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES									
VOL6	0	0.64889E-03	NO	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES									
VOL7	0	0.64889E-03	NO	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES									
VOL8	0	0.64889E-03	NO	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES									
VOL9	0	0.64889E-03	NO	493145.9	3761467.1	686.4	5.00	31.82	1.40
YES									
VOL10	0	0.64889E-03	NO	493285.0	3761471.8	687.9	5.00	31.82	1.40
YES									
VOL11	0	0.64889E-03	NO	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES									
VOL12	0	0.64889E-03	NO	492327.1	3761158.1	691.9	5.00	31.82	1.40
YES									
VOL16	0	0.64889E-03	NO	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES									

```
 VOL17           0   0.64889E-03  493185.4 3761712.2   707.4     5.00    31.82     1.40
 YES                   NO
 VOL18           0   0.64889E-03  491986.2 3762340.0   678.9     5.00    31.82     1.40
 YES                   NO
 VOL19           0   0.64889E-03  491843.1 3762383.8   670.7     5.00    31.82     1.40
 YES                   NO
 VOL20           0   0.64889E-03  492118.5 3762307.8   682.7     5.00    31.82     1.40
 YES                   NO
 VOL21           0   0.64889E-03  493148.2 3761325.5   685.0     5.00    31.82     1.40
 YES                   NO
 VOL22           0   0.64889E-03  493285.0 3761332.6   690.3     5.00    31.82     1.40
 YES                   NO
 VOL23           0   0.64889E-03  493368.3 3761393.7   681.0     5.00    31.82     1.40
 YES                   NO
 VOL24           0   0.64889E-03  493874.8 3761274.2   695.9     5.00    31.82     1.40
 YES                   NO
 VOL25           0   0.64889E-03  494008.7 3761247.0   701.2     5.00    31.82     1.40
 YES                   NO
 VOL26           0   0.64889E-03  494137.7 3761246.0   721.6     5.00    31.82     1.40
 YES                   NO
 VOL30           0   0.64889E-03  493263.0 3761716.6   705.5     5.00    31.82     1.40
 YES                   NO
 VOL31           0   0.64889E-03  493268.3 3761811.5   710.9     5.00    31.82     1.40
 YES                   NO
 VOL35           0   0.64889E-03  493145.9 3761184.0   686.7     5.00    31.82     1.40
 YES                   NO
 VOL36           0   0.64889E-03  493287.4 3761193.4   698.1     5.00    31.82     1.40
 YES                   NO
 VOL37           0   0.64889E-03  493373.0 3761252.2   680.9     5.00    31.82     1.40
 YES                   NO
 VOL46           0   0.64889E-03  493128.3 3761058.6   681.0     5.00    31.82     1.40
 YES                   NO
 VOL47           0   0.64889E-03  493228.4 3761082.6   683.1     5.00    31.82     1.40
 YES                   NO
 VOL48           0   0.64889E-03  493354.1 3761167.3   672.4     5.00    31.82     1.40
 YES                   NO
 VOL49           0   0.64889E-03  492233.6 3761067.3   675.3     5.00    31.82     1.40
 YES                   NO
 VOL50           0   0.64889E-03  492192.9 3761161.0   689.0     5.00    31.82     1.40
 YES                   NO
 VOL51           0   0.64889E-03  492228.4 3761295.1   697.6     5.00    31.82     1.40
 YES                   NO
 VOL52           0   0.64889E-03  492300.1 3761057.1   680.4     5.00    31.82     1.40
 YES                   NO
 VOL57           0   0.64889E-03  492130.2 3761291.0   684.8     5.00    31.82     1.40
 YES                   NO
 VOL58           0   0.64889E-03  492441.4 3761006.6   687.0     5.00    31.82     1.40
 YES                   NO
 VOL59           0   0.64889E-03  492341.7 3761296.8   698.8     5.00    31.82     1.40
 YES                   NO
 VOL64           0   0.64889E-03  494287.9 3761410.9   719.0     5.00    31.82     1.40
 YES                   NO
 VOL65           0   0.64889E-03  492653.1 3762138.7   689.1     5.00    31.82     1.40
 YES                   NO
 VOL66           0   0.64889E-03  491979.9 3762211.7   686.9     5.00    31.82     1.40
 YES                   NO
 VOL67           0   0.64889E-03  491836.8 3762255.5   683.4     5.00    31.82     1.40
 YES                   NO
 VOL68           0   0.64889E-03  492112.2 3762179.4   689.5     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:25:50

                     PAGE   3
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY CATS. BY	EMISSION RATE (GRAMS/SEC)	EMISSION RATE AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL69	0 YES	0.64889E-03	491694.4	3762248.6	690.2	5.00	31.82	1.40
VOL70	0 YES	0.64889E-03	492517.7	3762136.8	695.7	5.00	31.82	1.40
VOL71	0 YES	0.64889E-03	492381.8	3762134.3	693.9	5.00	31.82	1.40
VOL72	0 YES	0.64889E-03	492248.5	3762143.5	690.0	5.00	31.82	1.40
VOL74	0 YES	0.64889E-03	491979.9	3762077.8	692.8	5.00	31.82	1.40
VOL75	0 YES	0.64889E-03	491917.1	3762126.5	686.3	5.00	31.82	1.40
VOL76	0 YES	0.64889E-03	492112.2	3762045.6	687.6	5.00	31.82	1.40
VOL77	0 YES	0.64889E-03	492234.6	3761900.7	682.3	5.00	31.82	1.40
VOL78	0 YES	0.64889E-03	492517.7	3762002.9	686.1	5.00	31.82	1.40
VOL79	0 YES	0.64889E-03	492381.8	3762000.4	683.7	5.00	31.82	1.40
VOL80	0 YES	0.64889E-03	492248.5	3762009.6	684.6	5.00	31.82	1.40
VOL81	0 YES	0.64889E-03	492101.1	3761906.6	686.0	5.00	31.82	1.40
VOL82	0 YES	0.64889E-03	491981.9	3761950.4	678.8	5.00	31.82	1.40
VOL83	0 YES	0.64889E-03	491977.0	3761816.6	673.3	5.00	31.82	1.40
VOL84	0 YES	0.64889E-03	491928.4	3761984.5	688.2	5.00	31.82	1.40
VOL85	0 YES	0.64889E-03	491930.8	3761843.4	679.8	5.00	31.82	1.40
VOL86	0 YES	0.64889E-03	491794.5	3761889.6	686.2	5.00	31.82	1.40
VOL87	0 YES	0.64889E-03	491658.3	3761877.4	655.9	5.00	31.82	1.40
VOL88	0 YES	0.64889E-03	491835.9	3761787.4	683.2	5.00	31.82	1.40
VOL89	0 YES	0.64889E-03	491702.1	3761770.4	661.0	5.00	31.82	1.40
VOL90	0 YES	0.64889E-03	491592.6	3761743.6	657.9	5.00	31.82	1.40
VOL91	0 YES	0.64889E-03	491801.8	3762386.9	675.2	5.00	31.82	1.40
VOL92	0 YES	0.64889E-03	493009.6	3761326.3	677.2	5.00	31.82	1.40
VOL93	0 YES	0.64889E-03	493007.3	3761184.8	680.7	5.00	31.82	1.40
VOL94	0 YES	0.64889E-03	492989.8	3761059.4	667.2	5.00	31.82	1.40
VOL95	0 YES	0.64889E-03	493007.3	3761467.9	685.7	5.00	31.82	1.40

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 VOL96           0   0.64889E-03  492870.9 3761328.5   683.9     5.00    31.82     1.40
 YES                   NO
 VOL97           0   0.64889E-03  492868.6 3761187.0   685.6     5.00    31.82     1.40
 YES                   NO
 VOL98           0   0.64889E-03  492851.0 3761061.6   685.9     5.00    31.82     1.40
 YES                   NO
 VOL99           0   0.64889E-03  492868.6 3761470.1   684.7     5.00    31.82     1.40
 YES                   NO
 VOL100          0   0.64889E-03  492734.4 3761330.7   695.1     5.00    31.82     1.40
 YES                   NO
 VOL101          0   0.64889E-03  492732.0 3761189.2   696.1     5.00    31.82     1.40
 YES                   NO
 VOL102          0   0.64889E-03  492714.5 3761063.8   701.2     5.00    31.82     1.40
 YES                   NO
 VOL103          0   0.64889E-03  492732.0 3761472.3   683.0     5.00    31.82     1.40
 YES                   NO
 VOL104          0   0.64889E-03  492600.0 3761332.9   685.1     5.00    31.82     1.40
 YES                   NO
 VOL105          0   0.64889E-03  492597.7 3761191.4   696.6     5.00    31.82     1.40
 YES                   NO
 VOL106          0   0.64889E-03  492580.2 3761066.0   698.9     5.00    31.82     1.40
 YES                   NO
 VOL107          0   0.64889E-03  492597.7 3761474.5   684.3     5.00    31.82     1.40
 YES                   NO
 VOL108          0   0.64889E-03  492463.6 3761317.5   684.9     5.00    31.82     1.40
 YES                   NO
 VOL109          0   0.64889E-03  492461.2 3761176.0   697.1     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:25:50

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL110          0   0.64889E-03  492439.2 3761071.0   692.9     5.00    31.82     1.40
 YES                   NO
 VOL111          0   0.64889E-03  492542.6 3761459.0   684.6     5.00    31.82     1.40
 YES                   NO
 VOL112          0   0.64889E-03  492547.6 3761006.4   698.0     5.00    31.82     1.40
 YES                   NO
 VOL113          0   0.64889E-03  492686.4 3761006.4   700.8     5.00    31.82     1.40
 YES                   NO
 VOL114          0   0.64889E-03  492827.3 3761010.8   686.2     5.00    31.82     1.40
 YES                   NO
 VOL115          0   0.64889E-03  494155.2 3761385.1   718.1     5.00    31.82     1.40
 YES                   NO
 VOL116          0   0.64889E-03  494005.5 3761391.7   716.1     5.00    31.82     1.40
 YES                   NO
 VOL117          0   0.64889E-03  494278.6 3761268.4   705.4     5.00    31.82     1.40
 YES                   NO
 VOL118          0   0.64889E-03  494351.2 3761308.1   709.8     5.00    31.82     1.40
 YES                   NO
```

VOL119	0	0.64889E-03	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.64889E-03	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.64889E-03	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.64889E-03	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.64889E-03	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.64889E-03	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.64889E-03	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.64889E-03	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.64889E-03	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.64889E-03	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.64889E-03	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.64889E-03	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.64889E-03	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.64889E-03	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.64889E-03	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.64889E-03	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.64889E-03	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.64889E-03	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.64889E-03	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.64889E-03	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.64889E-03	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.64889E-03	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.64889E-03	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						
VOL142	0	0.64889E-03	492058.8	3762453.2	684.2	5.00	31.82	1.40
YES		NO						
VOL143	0	0.64889E-03	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.64889E-03	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.64889E-03	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.64889E-03	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.64889E-03	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.64889E-03	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.64889E-03	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL150	0	0.64889E-03	494324.8	3760958.9	696.9	5.00	31.82	1.40	YES

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL57 , VOL58 , VOL59 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL57 , VOL58 , VOL59 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
		VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
		VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
		VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
		VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
		VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
		VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
		VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,
		VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,

730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2, 567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,

719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,
723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8,
723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3,
699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met

Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90				

```
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:25:50

                     PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                  VOL17       , VOL18       , VOL19       ,
                  VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                  VOL25       , VOL26       , VOL30       ,
                  VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                  VOL47       , VOL48       ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_2.5   IN
                                     MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - -
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```
      3761696.95        0.21124m (14111524)
      493738.52   3761681.00        0.21533m (14111524)               493737.38
      3761663.91        0.21943m (14111524)
      493736.52   3761651.38        0.22236m (14111524)               494418.08
      3761416.13        0.32423  (13070724)
      494473.73   3761368.11        0.30385  (13070724)               494939.85
      3761394.35        0.17359  (13070724)
      494686.37   3761403.42        0.20985  (13070724)               494575.98
      3761568.60        0.15927  (12101024)
      494541.49   3761602.79        0.15120  (12101024)               494822.53
      3761435.24        0.17352  (13070724)
      494846.18   3761504.63        0.15321  (13070724)               494841.06
      3761535.78        0.14604  (13070724)
      494837.90   3761553.12        0.14227  (13070724)               494885.61
      3761199.09        0.17516  (13070724)
      494976.68   3761325.65        0.17844  (13070724)               494985.35
      3761366.25        0.17257  (13070724)
      495070.90   3761299.23        0.15582  (13070724)               495115.47
      3760632.60        0.13300  (12073124)
      495069.03   3760685.30        0.14039  (12073124)               495087.55
      3760728.31        0.14467  (12073124)
      495079.90   3760834.52        0.15179  (12073124)               495202.38
      3760883.65        0.14518  (12073124)
      495237.63   3760939.31        0.14060  (12073124)               495298.45
      3761048.56        0.14135c (13090124)
      490844.43   3759375.83        0.02979  (15011124)               490895.79
      3759357.70        0.02997  (15011124)
      490596.67   3759246.67        0.02659  (15011124)               489103.59
      3759859.22        0.02137  (13122624)
      488940.48   3759893.26        0.02056  (13122624)               488472.34
      3759865.64        0.01823  (14021324)
      488432.53   3759884.27        0.01810  (14021324)               488713.15
      3759827.76        0.01920  (13122624)
      487562.29   3760285.62        0.01385  (15122224)               487809.35
      3760420.86        0.01497  (15122224)
      487553.10   3761208.24        0.01560  (12122024)               487899.76
      3760972.40        0.01657  (12122024)
      487983.18   3762301.23        0.01733  (15011124)               487913.66
      3762403.25        0.01678  (15011124)
      487890.59   3762238.09        0.01684  (15011124)               488190.14
      3762513.88        0.01827  (15011124)
      488424.39   3762586.51        0.01969  (15011124)               488657.54
      3762495.87        0.02197  (15011124)
      488908.17   3762583.23        0.02413  (15011124)               489170.26
      3762660.77        0.02714  (15011124)
      489382.17   3762809.64        0.02928  (15011124)               489294.91
      3762783.65        0.02821  (15011124)
      489889.72   3762661.22        0.04063  (15011124)               490022.93
      3762783.29        0.04145  (15011124)
      490423.96   3762839.25        0.05220  (15011124)               490375.94
      3762870.37        0.04996  (15011124)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        10/14/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       16:25:50

                    PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                              VOL6        , VOL7        , VOL8        ,
               VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
               VOL17       , VOL18       , VOL19       ,
               VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
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VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.13290m	(14111524)	491132.33	3762903.51	0.08863	(15011124)
492828.06	3762200.49	0.41486m	(14111524)	492961.55	3762258.51	0.28067	(14013024)
493033.99	3762272.60	0.26469	(13070724)	493032.31	3762205.18	0.29060	(13070724)
493087.32	3762215.25	0.26601	(13070724)	493079.94	3762296.41	0.24172	(14013024)
493163.79	3762367.18	0.18296m	(14111524)	493068.87	3762510.05	0.17609	(14013024)
493101.07	3762454.71	0.18784	(14013024)	493281.84	3762369.19	0.17748	(14013024)
493351.51	3762095.42	0.21675	(13030624)	493439.48	3762105.84	0.19542	(13030624)
493972.90	3763044.23	0.07697	(12021924)	493957.03	3763184.09	0.06818	(12021924)
493583.55	3763480.45	0.05425	(16010524)	493258.47	3763568.15	0.05209	(16010524)
492895.78	3763485.72	0.06334m	(13010324)	493781.01	3761659.05	0.21878	(12101024)
493797.63	3761658.35	0.21482	(12101024)	493831.94	3761631.47	0.21262	(12101024)
493900.20	3761664.01	0.19858m	(14111524)	493918.59	3761666.13	0.19884m	(14111524)
493929.55	3761662.24	0.20185m	(14111524)	493945.82	3761667.90	0.19631m	(14111524)
493758.37	3761524.30	0.24114	(13102324)	493961.03	3761672.85	0.19296m	(14111524)
493975.18	3761679.57	0.19278m	(14111524)	493987.55	3761687.70	0.18959m	(14111524)
493998.87	3761697.25	0.18727m	(14111524)	494007.71	3761707.51	0.18266	(14013024)
494016.91	3761718.12	0.18094	(14013024)	494024.69	3761730.85	0.17933	(14013024)
492955.24	3762130.13	0.31061m	(14111524)	492955.24	3761996.30	0.35099m	(14111524)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

DATE

NETWORK

GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

- - - -

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Ops CO\15218
Ph3 Ops CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Ops CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
LOCATION VOL51	VOLUME	493605.815	3761025.972	697.630
LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
LOCATION VOL62	VOLUME	494174.278	3760981.156	692.870
LOCATION VOL63	VOLUME	494301.652	3760992.949	697.050
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
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LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090

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LOCATION VOL120 VOLUME 491794.496 3762136.076 681.790
LOCATION VOL121 VOLUME 491651.353 3762014.956 680.920
LOCATION VOL122 VOLUME 491655.758 3762138.279 683.820
LOCATION VOL123 VOLUME 491459.763 3761713.256 683.590
LOCATION VOL124 VOLUME 491398.101 3761664.807 677.350
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LOCATION VOL129 VOLUME 492911.007 3761534.878 684.000
LOCATION VOL130 VOLUME 493065.161 3761816.759 708.650
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LOCATION VOL161 VOLUME 492057.339 3761515.937 682.850
LOCATION VOL162 VOLUME 492008.643 3761494.295 684.200
LOCATION VOL163 VOLUME 492014.054 3761416.742 668.320
LOCATION VOL164 VOLUME 492190.801 3761535.776 686.060
LOCATION VOL165 VOLUME 492326.067 3761519.544 681.320
LOCATION VOL166 VOLUME 493400.980 3761806.308 709.360
LOCATION VOL167 VOLUME 493514.603 3761800.897 707.000
LOCATION VOL168 VOLUME 491218.691 3762466.405 662.900
LOCATION VOL169 VOLUME 491225.905 3762334.747 670.510
LOCATION VOL170 VOLUME 491247.547 3762210.302 671.300
LOCATION VOL171 VOLUME 491083.425 3762369.014 660.610
LOCATION VOL172 VOLUME 491112.282 3762230.141 666.880
LOCATION VOL173 VOLUME 490867.000 3762534.940 630.790
LOCATION VOL174 VOLUME 490726.323 3762533.137 641.040
LOCATION VOL175 VOLUME 490347.579 3762574.618 669.180
LOCATION VOL176 VOLUME 490208.706 3762567.404 658.980
LOCATION VOL177 VOLUME 490073.440 3762509.691 648.630
LOCATION VOL178 VOLUME 489936.370 3762468.209 645.490
LOCATION VOL179 VOLUME 490425.131 3762441.156 661.430
LOCATION VOL180 VOLUME 490289.865 3762439.352 676.600
LOCATION VOL181 VOLUME 490154.599 3762435.745 660.500

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   LOCATION VOL185       VOLUME     490082.458  3762298.676      667.950
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   LOCATION VOL189       VOLUME     490116.725  3762165.213      679.770
   LOCATION VOL190       VOLUME     490226.741  3762168.821      662.600
   LOCATION VOL191       VOLUME     490149.189  3762037.162      660.120
   LOCATION VOL192       VOLUME     494140.445  3761657.568      711.010
   LOCATION VOL193       VOLUME     494263.511  3761644.837      714.410
   LOCATION VOL194       VOLUME     494344.140  3761139.843      717.560
   LOCATION VOL195       VOLUME     494437.500  3761008.290      705.860
   LOCATION VOL196       VOLUME     494571.175  3761052.848      712.520
   LOCATION VOL197       VOLUME     494431.135  3761139.843      722.350
   LOCATION VOL198       VOLUME     494429.013  3761224.716      720.230
   LOCATION VOL199       VOLUME     494569.054  3761184.402      716.620
** Source Parameters **
   SRCPARAM VOL4         0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL5         0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL6         0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL7         0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL8         0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL9         0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL10        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL11        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL12        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL16        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL17        0.0320349611     5.000    31.816     1.400
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   SRCPARAM VOL19        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL20        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL21        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL22        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL23        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL24        0.0320349611     5.000    31.816     1.400
   SRCPARAM VOL25        0.0320349611     5.000    31.816     1.400
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   SRCPARAM VOL67        0.0320349611     5.000    31.816     1.400
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SRCPARAM VOL192       0.0320349611     5.000    31.816     1.400
SRCPARAM VOL193       0.0320349611     5.000    31.816     1.400
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SRCPARAM VOL198       0.0320349611     5.000    31.816     1.400
SRCPARAM VOL199       0.0320349611     5.000    31.816     1.400
URBANSRC ALL
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   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Ops CO.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH3 OPS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH3 OPS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph3 Ops CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     419       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     419       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Ops
CO.err
**File for Summary of Results: 15218 Ph3 Ops
CO.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
VOL4	0	0.32035E-01	492797.1	3762283.9	695.0	5.00	31.82	1.40	YES NO
VOL5	0	0.32035E-01	493197.6	3761815.0	710.4	5.00	31.82	1.40	YES NO
VOL6	0	0.32035E-01	492524.0	3762265.1	688.3	5.00	31.82	1.40	YES NO
VOL7	0	0.32035E-01	492388.1	3762262.6	696.8	5.00	31.82	1.40	YES NO
VOL8	0	0.32035E-01	492254.8	3762271.8	683.2	5.00	31.82	1.40	YES NO
VOL9	0	0.32035E-01	493145.9	3761467.1	686.4	5.00	31.82	1.40	YES NO
VOL10	0	0.32035E-01	493285.0	3761471.8	687.9	5.00	31.82	1.40	YES NO
VOL11	0	0.32035E-01	493368.3	3761535.2	695.0	5.00	31.82	1.40	YES NO
VOL12	0	0.32035E-01	493510.0	3761002.1	674.8	5.00	31.82	1.40	YES NO
VOL16	0	0.32035E-01	492659.4	3762267.1	695.9	5.00	31.82	1.40	YES NO
VOL17	0	0.32035E-01	493185.4	3761712.2	707.4	5.00	31.82	1.40	YES NO
VOL18	0	0.32035E-01	491986.2	3762340.0	678.9	5.00	31.82	1.40	YES NO
VOL19	0	0.32035E-01	491843.1	3762383.8	670.7	5.00	31.82	1.40	YES NO
VOL20	0	0.32035E-01	492118.5	3762307.8	682.7	5.00	31.82	1.40	YES NO
VOL21	0	0.32035E-01	493148.2	3761325.5	685.0	5.00	31.82	1.40	YES NO
VOL22	0	0.32035E-01	493285.0	3761332.6	690.3	5.00	31.82	1.40	YES NO
VOL23	0	0.32035E-01	493368.3	3761393.7	681.0	5.00	31.82	1.40	YES NO
VOL24	0	0.32035E-01	493874.8	3761274.2	695.9	5.00	31.82	1.40	YES NO

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 VOL25            0   0.32035E-01  494008.7 3761247.0   701.2     5.00    31.82     1.40
 YES                    NO
 VOL26            0   0.32035E-01  494137.7 3761246.0   721.6     5.00    31.82     1.40
 YES                    NO
 VOL30            0   0.32035E-01  493263.0 3761716.6   705.5     5.00    31.82     1.40
 YES                    NO
 VOL31            0   0.32035E-01  493268.3 3761811.5   710.9     5.00    31.82     1.40
 YES                    NO
 VOL35            0   0.32035E-01  493145.9 3761184.0   686.7     5.00    31.82     1.40
 YES                    NO
 VOL36            0   0.32035E-01  493287.4 3761193.4   698.1     5.00    31.82     1.40
 YES                    NO
 VOL37            0   0.32035E-01  493373.0 3761252.2   680.9     5.00    31.82     1.40
 YES                    NO
 VOL46            0   0.32035E-01  493128.3 3761058.6   681.0     5.00    31.82     1.40
 YES                    NO
 VOL47            0   0.32035E-01  493228.4 3761082.6   683.1     5.00    31.82     1.40
 YES                    NO
 VOL48            0   0.32035E-01  493354.1 3761167.3   672.4     5.00    31.82     1.40
 YES                    NO
 VOL49            0   0.32035E-01  493730.8 3761261.8   682.1     5.00    31.82     1.40
 YES                    NO
 VOL50            0   0.32035E-01  493622.3 3761120.3   685.5     5.00    31.82     1.40
 YES                    NO
 VOL51            0   0.32035E-01  493605.8 3761026.0   697.6     5.00    31.82     1.40
 YES                    NO
 VOL52            0   0.32035E-01  493754.4 3761122.7   701.4     5.00    31.82     1.40
 YES                    NO
 VOL53            0   0.32035E-01  493888.9 3761136.8   695.4     5.00    31.82     1.40
 YES                    NO
 VOL54            0   0.32035E-01  494028.0 3761118.0   705.9     5.00    31.82     1.40
 YES                    NO
 VOL55            0   0.32035E-01  494162.5 3761118.0   703.1     5.00    31.82     1.40
 YES                    NO
 VOL56            0   0.32035E-01  494212.0 3761120.3   695.8     5.00    31.82     1.40
 YES                    NO
 VOL57            0   0.32035E-01  493747.3 3760981.2   688.8     5.00    31.82     1.40
 YES                    NO
 VOL58            0   0.32035E-01  493888.9 3760995.3   684.8     5.00    31.82     1.40
 YES                    NO
 VOL59            0   0.32035E-01  493884.1 3760901.0   683.2     5.00    31.82     1.40
 YES                    NO
 VOL60            0   0.32035E-01  494032.8 3760981.2   693.3     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:30:14

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 VOL61            0   0.32035E-01  494025.7 3760901.0   694.7     5.00    31.82     1.40
 YES                    NO
```

VOL62	0	0.32035E-01	494174.3	3760981.2	692.9	5.00	31.82	1.40
YES		NO						
VOL63	0	0.32035E-01	494301.7	3760992.9	697.0	5.00	31.82	1.40
YES		NO						
VOL64	0	0.32035E-01	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.32035E-01	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.32035E-01	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.32035E-01	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.32035E-01	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.32035E-01	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.32035E-01	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.32035E-01	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.32035E-01	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL74	0	0.32035E-01	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.32035E-01	491917.1	3762126.5	686.3	5.00	31.82	1.40
YES		NO						
VOL76	0	0.32035E-01	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES		NO						
VOL77	0	0.32035E-01	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES		NO						
VOL78	0	0.32035E-01	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES		NO						
VOL79	0	0.32035E-01	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES		NO						
VOL80	0	0.32035E-01	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES		NO						
VOL81	0	0.32035E-01	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES		NO						
VOL82	0	0.32035E-01	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES		NO						
VOL83	0	0.32035E-01	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES		NO						
VOL84	0	0.32035E-01	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES		NO						
VOL85	0	0.32035E-01	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES		NO						
VOL86	0	0.32035E-01	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES		NO						
VOL87	0	0.32035E-01	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES		NO						
VOL88	0	0.32035E-01	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES		NO						
VOL89	0	0.32035E-01	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES		NO						
VOL90	0	0.32035E-01	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES		NO						
VOL91	0	0.32035E-01	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES		NO						
VOL92	0	0.32035E-01	493009.6	3761326.3	677.2	5.00	31.82	1.40
YES		NO						
VOL93	0	0.32035E-01	493007.3	3761184.8	680.7	5.00	31.82	1.40
YES		NO						
VOL94	0	0.32035E-01	492989.8	3761059.4	667.2	5.00	31.82	1.40
YES		NO						
VOL95	0	0.32035E-01	493007.3	3761467.9	685.7	5.00	31.82	1.40
YES		NO						

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 VOL96            0   0.32035E-01  492870.9 3761328.5   683.9     5.00    31.82     1.40
 YES                    NO
 VOL97            0   0.32035E-01  492868.6 3761187.0   685.6     5.00    31.82     1.40
 YES                    NO
 VOL98            0   0.32035E-01  492851.0 3761061.6   685.9     5.00    31.82     1.40
 YES                    NO
 VOL99            0   0.32035E-01  492868.6 3761470.1   684.7     5.00    31.82     1.40
 YES                    NO
 VOL100           0   0.32035E-01  492734.4 3761330.7   695.1     5.00    31.82     1.40
 YES                    NO
 VOL101           0   0.32035E-01  492732.0 3761189.2   696.1     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:30:14

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL102           0   0.32035E-01  492714.5 3761063.8   701.2     5.00    31.82     1.40
 YES                    NO
 VOL103           0   0.32035E-01  492732.0 3761472.3   683.0     5.00    31.82     1.40
 YES                    NO
 VOL104           0   0.32035E-01  492600.0 3761332.9   685.1     5.00    31.82     1.40
 YES                    NO
 VOL105           0   0.32035E-01  492597.7 3761191.4   696.6     5.00    31.82     1.40
 YES                    NO
 VOL106           0   0.32035E-01  492580.2 3761066.0   698.9     5.00    31.82     1.40
 YES                    NO
 VOL107           0   0.32035E-01  492597.7 3761474.5   684.3     5.00    31.82     1.40
 YES                    NO
 VOL108           0   0.32035E-01  492460.2 3761324.7   683.3     5.00    31.82     1.40
 YES                    NO
 VOL109           0   0.32035E-01  492457.9 3761183.2   697.4     5.00    31.82     1.40
 YES                    NO
 VOL110           0   0.32035E-01  492440.3 3761057.8   691.8     5.00    31.82     1.40
 YES                    NO
 VOL111           0   0.32035E-01  492457.9 3761466.3   683.8     5.00    31.82     1.40
 YES                    NO
 VOL112           0   0.32035E-01  492547.6 3761006.4   698.0     5.00    31.82     1.40
 YES                    NO
 VOL113           0   0.32035E-01  492686.4 3761006.4   700.8     5.00    31.82     1.40
 YES                    NO
 VOL114           0   0.32035E-01  492827.3 3761010.8   686.2     5.00    31.82     1.40
 YES                    NO
 VOL115           0   0.32035E-01  494155.2 3761385.1   718.1     5.00    31.82     1.40
 YES                    NO
 VOL116           0   0.32035E-01  494005.5 3761391.7   716.1     5.00    31.82     1.40
 YES                    NO
 VOL117           0   0.32035E-01  494278.6 3761268.4   705.4     5.00    31.82     1.40
 YES                    NO
 VOL118           0   0.32035E-01  494351.2 3761308.1   709.8     5.00    31.82     1.40
 YES                    NO
```

VOL119	0	0.32035E-01	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.32035E-01	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.32035E-01	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.32035E-01	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.32035E-01	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.32035E-01	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.32035E-01	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.32035E-01	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.32035E-01	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.32035E-01	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.32035E-01	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.32035E-01	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.32035E-01	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.32035E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.32035E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.32035E-01	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.32035E-01	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.32035E-01	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.32035E-01	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.32035E-01	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.32035E-01	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.32035E-01	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.32035E-01	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
- - -

VOL142	0	0.32035E-01	492058.8	3762453.2	684.2	5.00	31.82	1.40
YES		NO						
VOL143	0	0.32035E-01	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.32035E-01	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.32035E-01	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.32035E-01	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.32035E-01	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.32035E-01	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.32035E-01	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						
VOL150	0	0.32035E-01	492325.0	3761335.6	691.0	5.00	31.82	1.40
YES		NO						
VOL151	0	0.32035E-01	492322.6	3761477.1	685.4	5.00	31.82	1.40
YES		NO						
VOL152	0	0.32035E-01	492305.1	3761068.7	680.8	5.00	31.82	1.40
YES		NO						
VOL153	0	0.32035E-01	492322.6	3761194.1	682.6	5.00	31.82	1.40
YES		NO						
VOL154	0	0.32035E-01	492191.5	3761335.6	683.7	5.00	31.82	1.40
YES		NO						
VOL155	0	0.32035E-01	492189.2	3761477.1	693.8	5.00	31.82	1.40
YES		NO						
VOL156	0	0.32035E-01	492238.4	3761059.6	676.0	5.00	31.82	1.40
YES		NO						
VOL157	0	0.32035E-01	492189.2	3761194.1	677.8	5.00	31.82	1.40
YES		NO						
VOL158	0	0.32035E-01	492419.9	3760998.3	689.8	5.00	31.82	1.40
YES		NO						
VOL159	0	0.32035E-01	492111.4	3761281.5	683.5	5.00	31.82	1.40
YES		NO						
VOL160	0	0.32035E-01	492055.5	3761413.1	669.3	5.00	31.82	1.40
YES		NO						
VOL161	0	0.32035E-01	492057.3	3761515.9	682.8	5.00	31.82	1.40
YES		NO						
VOL162	0	0.32035E-01	492008.6	3761494.3	684.2	5.00	31.82	1.40
YES		NO						
VOL163	0	0.32035E-01	492014.1	3761416.7	668.3	5.00	31.82	1.40
YES		NO						
VOL164	0	0.32035E-01	492190.8	3761535.8	686.1	5.00	31.82	1.40
YES		NO						
VOL165	0	0.32035E-01	492326.1	3761519.5	681.3	5.00	31.82	1.40
YES		NO						
VOL166	0	0.32035E-01	493401.0	3761806.3	709.4	5.00	31.82	1.40
YES		NO						
VOL167	0	0.32035E-01	493514.6	3761800.9	707.0	5.00	31.82	1.40
YES		NO						
VOL168	0	0.32035E-01	491218.7	3762466.4	662.9	5.00	31.82	1.40
YES		NO						
VOL169	0	0.32035E-01	491225.9	3762334.7	670.5	5.00	31.82	1.40
YES		NO						
VOL170	0	0.32035E-01	491247.5	3762210.3	671.3	5.00	31.82	1.40
YES		NO						
VOL171	0	0.32035E-01	491083.4	3762369.0	660.6	5.00	31.82	1.40
YES		NO						
VOL172	0	0.32035E-01	491112.3	3762230.1	666.9	5.00	31.82	1.40
YES		NO						
VOL173	0	0.32035E-01	490867.0	3762534.9	630.8	5.00	31.82	1.40
YES		NO						
VOL174	0	0.32035E-01	490726.3	3762533.1	641.0	5.00	31.82	1.40
YES		NO						

VOL175 0 0.32035E-01 490347.6 3762574.6 669.2 5.00 31.82 1.40
YES NO
VOL176 0 0.32035E-01 490208.7 3762567.4 659.0 5.00 31.82 1.40
YES NO
VOL177 0 0.32035E-01 490073.4 3762509.7 648.6 5.00 31.82 1.40
YES NO
VOL178 0 0.32035E-01 489936.4 3762468.2 645.5 5.00 31.82 1.40
YES NO
VOL179 0 0.32035E-01 490425.1 3762441.2 661.4 5.00 31.82 1.40
YES NO
VOL180 0 0.32035E-01 490289.9 3762439.4 676.6 5.00 31.82 1.40
YES NO
VOL181 0 0.32035E-01 490154.6 3762435.7 660.5 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL182	0	0.32035E-01	490024.7	3762374.4	646.6	5.00	31.82	1.40	
YES		NO							
VOL183	0	0.32035E-01	490349.4	3762309.5	666.3	5.00	31.82	1.40	
YES		NO							
VOL184	0	0.32035E-01	490214.1	3762304.1	672.6	5.00	31.82	1.40	
YES		NO							
VOL185	0	0.32035E-01	490082.5	3762298.7	667.9	5.00	31.82	1.40	
YES		NO							
VOL186	0	0.32035E-01	489977.9	3762239.2	678.2	5.00	31.82	1.40	
YES		NO							
VOL187	0	0.32035E-01	489923.7	3762147.2	674.0	5.00	31.82	1.40	
YES		NO							
VOL188	0	0.32035E-01	490055.4	3762116.5	674.4	5.00	31.82	1.40	
YES		NO							
VOL189	0	0.32035E-01	490116.7	3762165.2	679.8	5.00	31.82	1.40	
YES		NO							
VOL190	0	0.32035E-01	490226.7	3762168.8	662.6	5.00	31.82	1.40	
YES		NO							
VOL191	0	0.32035E-01	490149.2	3762037.2	660.1	5.00	31.82	1.40	
YES		NO							
VOL192	0	0.32035E-01	494140.4	3761657.6	711.0	5.00	31.82	1.40	
YES		NO							
VOL193	0	0.32035E-01	494263.5	3761644.8	714.4	5.00	31.82	1.40	
YES		NO							
VOL194	0	0.32035E-01	494344.1	3761139.8	717.6	5.00	31.82	1.40	
YES		NO							
VOL195	0	0.32035E-01	494437.5	3761008.3	705.9	5.00	31.82	1.40	
YES		NO							
VOL196	0	0.32035E-01	494571.2	3761052.8	712.5	5.00	31.82	1.40	
YES		NO							
VOL197	0	0.32035E-01	494431.1	3761139.8	722.3	5.00	31.82	1.40	
YES		NO							

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
	VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
	VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,
	VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 , VOL132 , VOL133 ,
	VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 , VOL140 , VOL141 ,
	VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 , VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 10:30:14

PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs
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VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 10:30:14

PAGE 9
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID URBAN POP SOURCE IDs
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2189641. VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 ,
VOL11 ,

VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 ,

VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 ,

VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 ,
VOL51 , VOL52 ,

VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 ,
VOL59 , VOL60 ,

VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 ,

VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 10:30:14

PAGE 10
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,

586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 10:30:14

PAGE 12
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,
719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	39.01249	(12091721)	493409.97	3761986.39	38.92865	(12082722)
493417.46	3761972.99	39.35414	(12082722)	493468.31	3761958.40	38.41313	(12082722)
493499.84	3761947.37	37.98979	(12082722)	493614.36	3761892.81	35.61014	(13070724)
493613.66	3761905.05	35.35697	(12082722)	493614.36	3761917.12	35.36932	(13070822)
493614.36	3761927.44	35.51852	(13070822)	493613.31	3761940.20	35.73115	(13070822)
493616.46	3761952.10	35.53068	(13070822)	493615.23	3761961.71	35.31477	(13070822)
493614.53	3761973.78	34.95024	(13070822)	493614.01	3761984.98	34.59366	(13070822)
493613.66	3761996.52	33.98901	(13070822)	493614.18	3762007.36	33.38388	(13070822)
493615.76	3762018.56	32.85219	(13061924)	493614.71	3762025.73	32.78832	(13061924)
493614.36	3762035.00	32.67956	(13061924)	493613.13	3762043.74	32.58906	(13061924)
493613.66	3762052.14	32.45329	(13061924)	493613.83	3762061.58	32.29811	(13061924)
493614.18	3762071.55	32.28287	(13072306)	493696.46	3761742.53	33.53022	(13083103)
493707.35	3761768.92	33.05084	(13090106)	493727.98	3761742.80	34.23631	(13082402)
493755.61	3761733.69	36.56960	(13082402)	493750.48	3761720.58	35.42553	(13082402)
493745.92	3761709.48	34.76436	(13082402)	493741.37	3761696.95	34.74327	(13083102)
493738.52	3761681.00	35.17377	(13083102)	493737.38	3761663.91	35.53080	(13081505)
493736.52	3761651.38	35.91164	(13081505)	494418.08	3761416.13	44.82085	(12081001)
494473.73	3761368.11	46.88812	(12081004)	494939.85	3761394.35	32.28746	(12081004)
494686.37	3761403.42	36.52903	(12090723)	494575.98	3761568.60	33.61878	(13090106)
494541.49	3761602.79	34.31203	(13090106)	494822.53			

3761435.24 32.43595 (12090723)
494846.18 3761504.63 29.84645 (12080206) 494841.06
3761535.78 29.02984 (12080206)
494837.90 3761553.12 28.52366 (12080206) 494885.61
3761199.09 34.80239 (13090721)
494976.68 3761325.65 35.08606 (13083105) 494985.35
3761366.25 33.24519 (13083105)
495070.90 3761299.23 28.81514 (12062623) 495115.47
3760632.60 38.11823 (12060102)
495069.03 3760685.30 39.30888 (13070823) 495087.55
3760728.31 39.80799 (13072504)
495079.90 3760834.52 40.91758 (13090105) 495202.38
3760883.65 39.84548 (13090105)
495237.63 3760939.31 38.50544 (12090520) 495298.45
3761048.56 34.76096 (12072023)
490844.43 3759375.83 3.44253 (13092306) 490895.79
3759357.70 3.45149 (13092306)
490596.67 3759246.67 3.29235 (13092306) 489103.59
3759859.22 2.89818 (12111305)
488940.48 3759893.26 2.82191 (14021406) 488472.34
3759865.64 2.64326 (13112202)
488432.53 3759884.27 2.63942 (13112202) 488713.15
3759827.76 2.70476 (14021406)
487562.29 3760285.62 2.82693 (14090307) 487809.35
3760420.86 2.91968 (14090307)
487553.10 3761208.24 2.89858 (14011223) 487899.76
3760972.40 2.96160 (14090307)
487983.18 3762301.23 4.09031 (14022723) 487913.66
3762403.25 4.16297 (16123016)
487890.59 3762238.09 3.95092 (13010807) 488190.14
3762513.88 4.54196 (16123016)
488424.39 3762586.51 4.84892 (14022723) 488657.54
3762495.87 5.57641 (14022723)
488908.17 3762583.23 6.30636 (14011323) 489170.26
3762660.77 7.60064 (12010119)
489382.17 3762809.64 8.25727 (14011322) 489294.91
3762783.65 7.91106 (14011322)
489889.72 3762661.22 17.24638 (14120316) 490022.93
3762783.29 11.97868 (14120316)
490423.96 3762839.25 11.24804 (14120316) 490375.94
3762870.37 10.60928 (14120316)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD

491453.08	3762845.48	14.23910	(14012117)	491132.33	
3762903.51	11.37325	(14012117)			
492828.06	3762200.49	45.41569	(12080922)	492961.55	
3762258.51	38.86724	(13090721)			
493033.99	3762272.60	45.01676	(13072306)	493032.31	
3762205.18	44.19131	(12080922)			
493087.32	3762215.25	43.66178	(13072306)	493079.94	
3762296.41	41.62400	(13083105)			
493163.79	3762367.18	29.86828	(12080923)	493068.87	
3762510.05	31.49664	(13071201)			
493101.07	3762454.71	34.11684	(13071201)	493281.84	
3762369.19	33.37525	(13083105)			
493351.51	3762095.42	37.81891	(13072306)	493439.48	
3762105.84	35.99773	(13072306)			
493972.90	3763044.23	19.17353	(12071206)	493957.03	
3763184.09	18.10172	(12071206)			
493583.55	3763480.45	14.47430	(13020219)	493258.47	
3763568.15	12.63864	(13070402)			
492895.78	3763485.72	8.47559	(13071201)	493781.01	
3761659.05	40.15469	(12090520)			
493797.63	3761658.35	40.16985	(12090520)	493831.94	
3761631.47	39.10540	(13090105)			
493900.20	3761664.01	38.86261	(13090106)	493918.59	
3761666.13	38.67828	(13090106)			
493929.55	3761662.24	38.53585	(13090106)	493945.82	
3761667.90	38.33337	(13090106)			
493758.37	3761524.30	37.69405	(12080801)	493961.03	
3761672.85	38.03800	(13090106)			
493975.18	3761679.57	37.96024	(13090106)	493987.55	
3761687.70	37.65159	(13090106)			
493998.87	3761697.25	37.35714	(13090106)	494007.71	
3761707.51	36.84480	(12070924)			
494016.91	3761718.12	36.41964	(12082722)	494024.69	
3761730.85	36.04851	(12082722)			
492955.24	3762130.13	42.01552	(12080922)	492955.24	
3761996.30	44.37958	(12072023)			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- - - - - - - - - - - - - - - - - -

493343.85	3762037.28	26.14674	(12120324)	493409.97
3761986.39	25.71361	(12120324)		
493417.46	3761972.99	26.04726	(12120324)	493468.31
3761958.40	25.00920	(12120324)		
493499.84	3761947.37	24.81116	(12120324)	493614.36
3761892.81	24.50443	(14013008)		
493613.66	3761905.05	23.95093	(12120324)	493614.36
3761917.12	24.15047	(14013008)		
493614.36	3761927.44	23.97511	(14013008)	493613.31
3761940.20	23.77683	(14013008)		
493616.46	3761952.10	23.05674	(14013008)	493615.23
3761961.71	22.52376	(14013008)		
493614.53	3761973.78	22.06104	(12100724)	493614.01
3761984.98	21.76421	(12100724)		
493613.66	3761996.52	21.51902	(12100724)	493614.18
3762007.36	21.31139	(12100724)		
493615.76	3762018.56	21.10548	(12100724)	493614.71
3762025.73	20.98290	(12100724)		
493614.36	3762035.00	20.82545	(12100724)	493613.13
3762043.74	20.69038	(12100724)		
493613.66	3762052.14	20.54667	(12100724)	493613.83
3762061.58	20.38894	(12100724)		
493614.18	3762071.55	20.22150	(12100724)	493696.46
3761742.53	23.73088	(12120324)		
493707.35	3761768.92	23.21235	(12120324)	493727.98
3761742.80	25.36498	(12120324)		
493755.61	3761733.69	26.77061	(12120324)	493750.48
3761720.58	26.06382	(12120324)		
493745.92	3761709.48	25.77957	(12120324)	493741.37
3761696.95	25.81068	(12120324)		
493738.52	3761681.00	25.94311	(12120324)	493737.38
3761663.91	26.21669	(12120324)		
493736.52	3761651.38	26.37484	(12120324)	494418.08
3761416.13	36.17259	(12120324)		
494473.73	3761368.11	35.55208	(12120324)	494939.85
3761394.35	20.80659	(12120324)		
494686.37	3761403.42	23.87097	(12120324)	494575.98
3761568.60	21.61249	(14112024)		
494541.49	3761602.79	21.57039	(14112024)	494822.53
3761435.24	20.39339	(14112024)		
494846.18	3761504.63	18.81365	(14112024)	494841.06
3761535.78	18.27342	(14112024)		
494837.90	3761553.12	17.96170	(14112024)	494885.61
3761199.09	24.93857	(12120324)		
494976.68	3761325.65	22.30010	(12120324)	494985.35
3761366.25	20.86722	(12120324)		
495070.90	3761299.23	19.78991	(12120324)	495115.47
3760632.60	22.60461	(13102324)		
495069.03	3760685.30	23.59817	(13102324)	495087.55
3760728.31	23.98213	(13102324)		
495079.90	3760834.52	23.68856	(12091208)	495202.38
3760883.65	23.36554	(12091208)		
495237.63	3760939.31	22.65461	(12091208)	495298.45
3761048.56	21.96590	(12120324)		
490844.43	3759375.83	2.81168c	(13120824)	490895.79
3759357.70	2.82255c	(13120824)		
490596.67	3759246.67	2.56028c	(13120824)	489103.59
3759859.22	2.42736	(13122608)		
488940.48	3759893.26	2.34437	(13122608)	488472.34
3759865.64	2.12095	(14021308)		
488432.53	3759884.27	2.10673	(14021308)	488713.15
3759827.76	2.21389	(14021308)		
487562.29	3760285.62	1.64986	(13122608)	487809.35
3760420.86	1.76158	(13122608)		
487553.10	3761208.24	1.84529	(12122008)	487899.76

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	12.38088	(14120608)	491132.33	3762903.51	9.90936	(14120608)
492828.06	3762200.49	35.56103	(12120324)	492961.55	3762258.51	27.31078	(12100724)
493033.99	3762272.60	27.83622	(12100724)	493032.31	3762205.18	29.82995	(12120324)
493087.32	3762215.25	27.01560	(12100724)	493079.94	3762296.41	25.78810	(14111208)
493163.79	3762367.18	19.45324	(14013008)	493068.87	3762510.05	21.20932	(14013008)
493101.07	3762454.71	22.06224	(14013008)	493281.84	3762369.19	20.29556	(14013008)
493351.51	3762095.42	24.06524	(12120324)	493439.48	3762105.84	21.88835c	(13072308)
493972.90	3763044.23	8.26465	(14013008)	493957.03	3763184.09	7.54913	(12021924)
493583.55	3763480.45	6.46395	(16010524)	493258.47	3763568.15	5.93806	(16010524)
492895.78	3763485.72	5.79448	(13112008)	493781.01	3761659.05	27.70964	(12120324)
493797.63	3761658.35	27.36603	(12120324)	493831.94	3761631.47	26.60611	(12120324)
493900.20	3761664.01	25.72948	(12120324)	493918.59			

3761666.13 25.69596 (12120324)
493929.55 3761662.24 25.94947 (12120324) 493945.82
3761667.90 25.31398 (12120324)
493758.37 3761524.30 26.65175 (12120324) 493961.03
3761672.85 25.00156 (12120324)
493975.18 3761679.57 25.06237 (12120324) 493987.55
3761687.70 24.82821 (12120324)
493998.87 3761697.25 24.69670 (12120324) 494007.71
3761707.51 24.30941 (12120324)
494016.91 3761718.12 23.66446 (12120324) 494024.69
3761730.85 23.83428 (12120324)
492955.24 3762130.13 31.97554 (12120324) 492955.24
3761996.30 34.56177 (12120324)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	46.88812	ON 12081004: AT (494473.73, 3761368.11, 723.51, 723.51, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	36.17259	ON 12120324: AT (494418.08, 3761416.13,		

723.26,   723.26,   2.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 ***   05/15/24
 *** AERMET - VERSION 16216 ***
 ***   ***   10:30:14

                      PAGE 21
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   2 Warning Message(s)
 A Total of   388 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   191 Calm Hours Identified

 A Total of   197 Missing Hours Identified (0.45 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   419   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
 ME W187   419   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ****
    *** AERMOD Finishes Successfully ***
    ****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Ops NOX\15218
Ph3 Ops NOX.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Ops NOX.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
LOCATION VOL51	VOLUME	493605.815	3761025.972	697.630
LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
LOCATION VOL62	VOLUME	494174.278	3760981.156	692.870
LOCATION VOL63	VOLUME	494301.652	3760992.949	697.050
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492460.221	3761324.738	683.350
LOCATION VOL109	VOLUME	492457.862	3761183.212	697.370
LOCATION VOL110	VOLUME	492440.336	3761057.824	691.830
LOCATION VOL111	VOLUME	492457.862	3761466.264	683.770
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090

LOCATION VOL116 VOLUME 494005.497 3761391.736 716.150
LOCATION VOL117 VOLUME 494278.568 3761268.413 705.410
LOCATION VOL118 VOLUME 494351.241 3761308.052 709.780
LOCATION VOL119 VOLUME 491794.496 3762014.956 683.700
LOCATION VOL120 VOLUME 491794.496 3762136.076 681.790
LOCATION VOL121 VOLUME 491651.353 3762014.956 680.920
LOCATION VOL122 VOLUME 491655.758 3762138.279 683.820
LOCATION VOL123 VOLUME 491459.763 3761713.256 683.590
LOCATION VOL124 VOLUME 491398.101 3761664.807 677.350
LOCATION VOL125 VOLUME 491380.484 3761770.513 674.750
LOCATION VOL126 VOLUME 491523.626 3761851.994 657.220
LOCATION VOL127 VOLUME 491448.752 3761907.048 668.820
LOCATION VOL128 VOLUME 492778.876 3761534.878 683.590
LOCATION VOL129 VOLUME 492911.007 3761534.878 684.000
LOCATION VOL130 VOLUME 493065.161 3761816.759 708.650
LOCATION VOL131 VOLUME 493058.554 3761717.660 705.190
LOCATION VOL132 VOLUME 492988.084 3761807.950 705.320
LOCATION VOL133 VOLUME 492981.477 3761735.277 701.790
LOCATION VOL134 VOLUME 491550.052 3761986.327 682.650
LOCATION VOL135 VOLUME 491409.112 3761992.934 680.060
LOCATION VOL136 VOLUME 491457.560 3762125.065 662.660
LOCATION VOL137 VOLUME 491567.670 3762125.065 679.290
LOCATION VOL138 VOLUME 491561.063 3762266.006 677.300
LOCATION VOL139 VOLUME 491662.364 3762387.126 668.980
LOCATION VOL140 VOLUME 492329.628 3762378.318 687.970
LOCATION VOL141 VOLUME 492195.295 3762409.148 670.190
LOCATION VOL142 VOLUME 492058.759 3762453.192 684.210
LOCATION VOL143 VOLUME 492135.836 3762514.853 686.220
LOCATION VOL144 VOLUME 491926.627 3762475.214 684.170
LOCATION VOL145 VOLUME 491781.283 3762517.056 682.340
LOCATION VOL146 VOLUME 491926.627 3762517.056 687.810
LOCATION VOL147 VOLUME 492038.939 3762517.056 687.890
LOCATION VOL148 VOLUME 494205.896 3761460.003 714.000
LOCATION VOL149 VOLUME 491610.647 3762444.907 676.340
LOCATION VOL150 VOLUME 492325.004 3761335.580 691.050
LOCATION VOL151 VOLUME 492322.645 3761477.106 685.370
LOCATION VOL152 VOLUME 492305.119 3761068.666 680.790
LOCATION VOL153 VOLUME 492322.645 3761194.054 682.590
LOCATION VOL154 VOLUME 492191.541 3761335.580 683.690
LOCATION VOL155 VOLUME 492189.183 3761477.106 693.830
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LOCATION VOL157 VOLUME 492189.183 3761194.054 677.760
LOCATION VOL158 VOLUME 492419.852 3760998.320 689.790
LOCATION VOL159 VOLUME 492111.445 3761281.477 683.550
LOCATION VOL160 VOLUME 492055.536 3761413.135 669.310
LOCATION VOL161 VOLUME 492057.339 3761515.937 682.850
LOCATION VOL162 VOLUME 492008.643 3761494.295 684.200
LOCATION VOL163 VOLUME 492014.054 3761416.742 668.320
LOCATION VOL164 VOLUME 492190.801 3761535.776 686.060
LOCATION VOL165 VOLUME 492326.067 3761519.544 681.320
LOCATION VOL166 VOLUME 493400.980 3761806.308 709.360
LOCATION VOL167 VOLUME 493514.603 3761800.897 707.000
LOCATION VOL168 VOLUME 491218.691 3762466.405 662.900
LOCATION VOL169 VOLUME 491225.905 3762334.747 670.510
LOCATION VOL170 VOLUME 491247.547 3762210.302 671.300
LOCATION VOL171 VOLUME 491083.425 3762369.014 660.610
LOCATION VOL172 VOLUME 491112.282 3762230.141 666.880
LOCATION VOL173 VOLUME 490867.000 3762534.940 630.790
LOCATION VOL174 VOLUME 490726.323 3762533.137 641.040
LOCATION VOL175 VOLUME 490347.579 3762574.618 669.180
LOCATION VOL176 VOLUME 490208.706 3762567.404 658.980
LOCATION VOL177 VOLUME 490073.440 3762509.691 648.630
LOCATION VOL178 VOLUME 489936.370 3762468.209 645.490
LOCATION VOL179 VOLUME 490425.131 3762441.156 661.430
LOCATION VOL180 VOLUME 490289.865 3762439.352 676.600
LOCATION VOL181 VOLUME 490154.599 3762435.745 660.500

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   LOCATION VOL182       VOLUME     490024.744  3762374.425      646.610
   LOCATION VOL183       VOLUME     490349.382  3762309.497      666.260
   LOCATION VOL184       VOLUME     490214.116  3762304.086      672.620
   LOCATION VOL185       VOLUME     490082.458  3762298.676      667.950
   LOCATION VOL186       VOLUME     489977.852  3762239.159      678.170
   LOCATION VOL187       VOLUME     489923.746  3762147.178      674.000
   LOCATION VOL188       VOLUME     490055.404  3762116.518      674.400
   LOCATION VOL189       VOLUME     490116.725  3762165.213      679.770
   LOCATION VOL190       VOLUME     490226.741  3762168.821      662.600
   LOCATION VOL191       VOLUME     490149.189  3762037.162      660.120
   LOCATION VOL192       VOLUME     494140.445  3761657.568      711.010
   LOCATION VOL193       VOLUME     494263.511  3761644.837      714.410
   LOCATION VOL194       VOLUME     494344.140  3761139.843      717.560
   LOCATION VOL195       VOLUME     494437.500  3761008.290      705.860
   LOCATION VOL196       VOLUME     494571.175  3761052.848      712.520
   LOCATION VOL197       VOLUME     494431.135  3761139.843      722.350
   LOCATION VOL198       VOLUME     494429.013  3761224.716      720.230
   LOCATION VOL199       VOLUME     494569.054  3761184.402      716.620
** Source Parameters **
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SRCPARAM VOL199       0.0038756948     5.000    31.816     1.400
URBANSRC ALL
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   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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**
RE STARTING
   INCLUDED "15218 Ph3 Ops NOX.rou"
RE FINISHED
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** AERMOD Meteorology Pathway
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**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH3 OPS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph3 Ops NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     419       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     419       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:39:03
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Ops
NOX.err
**File for Summary of Results: 15218 Ph3 Ops
NOX.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL4	0	0.38757E-02	492797.1	3762283.9	695.0	5.00	31.82	1.40	NO
VOL5	0	0.38757E-02	493197.6	3761815.0	710.4	5.00	31.82	1.40	NO
VOL6	0	0.38757E-02	492524.0	3762265.1	688.3	5.00	31.82	1.40	NO
VOL7	0	0.38757E-02	492388.1	3762262.6	696.8	5.00	31.82	1.40	NO
VOL8	0	0.38757E-02	492254.8	3762271.8	683.2	5.00	31.82	1.40	NO
VOL9	0	0.38757E-02	493145.9	3761467.1	686.4	5.00	31.82	1.40	NO
VOL10	0	0.38757E-02	493285.0	3761471.8	687.9	5.00	31.82	1.40	NO
VOL11	0	0.38757E-02	493368.3	3761535.2	695.0	5.00	31.82	1.40	NO
VOL12	0	0.38757E-02	493510.0	3761002.1	674.8	5.00	31.82	1.40	NO
VOL16	0	0.38757E-02	492659.4	3762267.1	695.9	5.00	31.82	1.40	NO
VOL17	0	0.38757E-02	493185.4	3761712.2	707.4	5.00	31.82	1.40	NO
VOL18	0	0.38757E-02	491986.2	3762340.0	678.9	5.00	31.82	1.40	NO
VOL19	0	0.38757E-02	491843.1	3762383.8	670.7	5.00	31.82	1.40	NO
VOL20	0	0.38757E-02	492118.5	3762307.8	682.7	5.00	31.82	1.40	NO
VOL21	0	0.38757E-02	493148.2	3761325.5	685.0	5.00	31.82	1.40	NO
VOL22	0	0.38757E-02	493285.0	3761332.6	690.3	5.00	31.82	1.40	NO
VOL23	0	0.38757E-02	493368.3	3761393.7	681.0	5.00	31.82	1.40	NO
VOL24	0	0.38757E-02	493874.8	3761274.2	695.9	5.00	31.82	1.40	NO
VOL25	0	0.38757E-02	494008.7	3761247.0	701.2	5.00	31.82	1.40	NO

VOL26 0 0.38757E-02 494137.7 3761246.0 721.6 5.00 31.82 1.40
YES NO
VOL30 0 0.38757E-02 493263.0 3761716.6 705.5 5.00 31.82 1.40
YES NO
VOL31 0 0.38757E-02 493268.3 3761811.5 710.9 5.00 31.82 1.40
YES NO
VOL35 0 0.38757E-02 493145.9 3761184.0 686.7 5.00 31.82 1.40
YES NO
VOL36 0 0.38757E-02 493287.4 3761193.4 698.1 5.00 31.82 1.40
YES NO
VOL37 0 0.38757E-02 493373.0 3761252.2 680.9 5.00 31.82 1.40
YES NO
VOL46 0 0.38757E-02 493128.3 3761058.6 681.0 5.00 31.82 1.40
YES NO
VOL47 0 0.38757E-02 493228.4 3761082.6 683.1 5.00 31.82 1.40
YES NO
VOL48 0 0.38757E-02 493354.1 3761167.3 672.4 5.00 31.82 1.40
YES NO
VOL49 0 0.38757E-02 493730.8 3761261.8 682.1 5.00 31.82 1.40
YES NO
VOL50 0 0.38757E-02 493622.3 3761120.3 685.5 5.00 31.82 1.40
YES NO
VOL51 0 0.38757E-02 493605.8 3761026.0 697.6 5.00 31.82 1.40
YES NO
VOL52 0 0.38757E-02 493754.4 3761122.7 701.4 5.00 31.82 1.40
YES NO
VOL53 0 0.38757E-02 493888.9 3761136.8 695.4 5.00 31.82 1.40
YES NO
VOL54 0 0.38757E-02 494028.0 3761118.0 705.9 5.00 31.82 1.40
YES NO
VOL55 0 0.38757E-02 494162.5 3761118.0 703.1 5.00 31.82 1.40
YES NO
VOL56 0 0.38757E-02 494212.0 3761120.3 695.8 5.00 31.82 1.40
YES NO
VOL57 0 0.38757E-02 493747.3 3760981.2 688.8 5.00 31.82 1.40
YES NO
VOL58 0 0.38757E-02 493888.9 3760995.3 684.8 5.00 31.82 1.40
YES NO
VOL59 0 0.38757E-02 493884.1 3760901.0 683.2 5.00 31.82 1.40
YES NO
VOL60 0 0.38757E-02 494032.8 3760981.2 693.3 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL61	0	0.38757E-02	494025.7	3760901.0	694.7	5.00	31.82	1.40
YES		NO						
VOL62	0	0.38757E-02	494174.3	3760981.2	692.9	5.00	31.82	1.40
YES		NO						

VOL63	0	0.38757E-02	494301.7	3760992.9	697.0	5.00	31.82	1.40
YES		NO						
VOL64	0	0.38757E-02	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.38757E-02	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.38757E-02	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.38757E-02	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.38757E-02	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.38757E-02	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.38757E-02	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.38757E-02	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.38757E-02	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL74	0	0.38757E-02	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.38757E-02	491917.1	3762126.5	686.3	5.00	31.82	1.40
YES		NO						
VOL76	0	0.38757E-02	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES		NO						
VOL77	0	0.38757E-02	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES		NO						
VOL78	0	0.38757E-02	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES		NO						
VOL79	0	0.38757E-02	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES		NO						
VOL80	0	0.38757E-02	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES		NO						
VOL81	0	0.38757E-02	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES		NO						
VOL82	0	0.38757E-02	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES		NO						
VOL83	0	0.38757E-02	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES		NO						
VOL84	0	0.38757E-02	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES		NO						
VOL85	0	0.38757E-02	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES		NO						
VOL86	0	0.38757E-02	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES		NO						
VOL87	0	0.38757E-02	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES		NO						
VOL88	0	0.38757E-02	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES		NO						
VOL89	0	0.38757E-02	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES		NO						
VOL90	0	0.38757E-02	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES		NO						
VOL91	0	0.38757E-02	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES		NO						
VOL92	0	0.38757E-02	493009.6	3761326.3	677.2	5.00	31.82	1.40
YES		NO						
VOL93	0	0.38757E-02	493007.3	3761184.8	680.7	5.00	31.82	1.40
YES		NO						
VOL94	0	0.38757E-02	492989.8	3761059.4	667.2	5.00	31.82	1.40
YES		NO						
VOL95	0	0.38757E-02	493007.3	3761467.9	685.7	5.00	31.82	1.40
YES		NO						
VOL96	0	0.38757E-02	492870.9	3761328.5	683.9	5.00	31.82	1.40
YES		NO						

VOL97 0 0.38757E-02 492868.6 3761187.0 685.6 5.00 31.82 1.40
YES NO
VOL98 0 0.38757E-02 492851.0 3761061.6 685.9 5.00 31.82 1.40
YES NO
VOL99 0 0.38757E-02 492868.6 3761470.1 684.7 5.00 31.82 1.40
YES NO
VOL100 0 0.38757E-02 492734.4 3761330.7 695.1 5.00 31.82 1.40
YES NO
VOL101 0 0.38757E-02 492732.0 3761189.2 696.1 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL102	0	0.38757E-02		492714.5	3761063.8	701.2	5.00	31.82	1.40
YES		NO							
VOL103	0	0.38757E-02		492732.0	3761472.3	683.0	5.00	31.82	1.40
YES		NO							
VOL104	0	0.38757E-02		492600.0	3761332.9	685.1	5.00	31.82	1.40
YES		NO							
VOL105	0	0.38757E-02		492597.7	3761191.4	696.6	5.00	31.82	1.40
YES		NO							
VOL106	0	0.38757E-02		492580.2	3761066.0	698.9	5.00	31.82	1.40
YES		NO							
VOL107	0	0.38757E-02		492597.7	3761474.5	684.3	5.00	31.82	1.40
YES		NO							
VOL108	0	0.38757E-02		492460.2	3761324.7	683.3	5.00	31.82	1.40
YES		NO							
VOL109	0	0.38757E-02		492457.9	3761183.2	697.4	5.00	31.82	1.40
YES		NO							
VOL110	0	0.38757E-02		492440.3	3761057.8	691.8	5.00	31.82	1.40
YES		NO							
VOL111	0	0.38757E-02		492457.9	3761466.3	683.8	5.00	31.82	1.40
YES		NO							
VOL112	0	0.38757E-02		492547.6	3761006.4	698.0	5.00	31.82	1.40
YES		NO							
VOL113	0	0.38757E-02		492686.4	3761006.4	700.8	5.00	31.82	1.40
YES		NO							
VOL114	0	0.38757E-02		492827.3	3761010.8	686.2	5.00	31.82	1.40
YES		NO							
VOL115	0	0.38757E-02		494155.2	3761385.1	718.1	5.00	31.82	1.40
YES		NO							
VOL116	0	0.38757E-02		494005.5	3761391.7	716.1	5.00	31.82	1.40
YES		NO							
VOL117	0	0.38757E-02		494278.6	3761268.4	705.4	5.00	31.82	1.40
YES		NO							
VOL118	0	0.38757E-02		494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO							
VOL119	0	0.38757E-02		491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO							

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 VOL120          0   0.38757E-02  491794.5 3762136.1   681.8     5.00    31.82     1.40
 YES                   NO
 VOL121          0   0.38757E-02  491651.4 3762015.0   680.9     5.00    31.82     1.40
 YES                   NO
 VOL122          0   0.38757E-02  491655.8 3762138.3   683.8     5.00    31.82     1.40
 YES                   NO
 VOL123          0   0.38757E-02  491459.8 3761713.3   683.6     5.00    31.82     1.40
 YES                   NO
 VOL124          0   0.38757E-02  491398.1 3761664.8   677.3     5.00    31.82     1.40
 YES                   NO
 VOL125          0   0.38757E-02  491380.5 3761770.5   674.8     5.00    31.82     1.40
 YES                   NO
 VOL126          0   0.38757E-02  491523.6 3761852.0   657.2     5.00    31.82     1.40
 YES                   NO
 VOL127          0   0.38757E-02  491448.8 3761907.0   668.8     5.00    31.82     1.40
 YES                   NO
 VOL128          0   0.38757E-02  492778.9 3761534.9   683.6     5.00    31.82     1.40
 YES                   NO
 VOL129          0   0.38757E-02  492911.0 3761534.9   684.0     5.00    31.82     1.40
 YES                   NO
 VOL130          0   0.38757E-02  493065.2 3761816.8   708.6     5.00    31.82     1.40
 YES                   NO
 VOL131          0   0.38757E-02  493058.6 3761717.7   705.2     5.00    31.82     1.40
 YES                   NO
 VOL132          0   0.38757E-02  492988.1 3761807.9   705.3     5.00    31.82     1.40
 YES                   NO
 VOL133          0   0.38757E-02  492981.5 3761735.3   701.8     5.00    31.82     1.40
 YES                   NO
 VOL134          0   0.38757E-02  491550.1 3761986.3   682.6     5.00    31.82     1.40
 YES                   NO
 VOL135          0   0.38757E-02  491409.1 3761992.9   680.1     5.00    31.82     1.40
 YES                   NO
 VOL136          0   0.38757E-02  491457.6 3762125.1   662.7     5.00    31.82     1.40
 YES                   NO
 VOL137          0   0.38757E-02  491567.7 3762125.1   679.3     5.00    31.82     1.40
 YES                   NO
 VOL138          0   0.38757E-02  491561.1 3762266.0   677.3     5.00    31.82     1.40
 YES                   NO
 VOL139          0   0.38757E-02  491662.4 3762387.1   669.0     5.00    31.82     1.40
 YES                   NO
 VOL140          0   0.38757E-02  492329.6 3762378.3   688.0     5.00    31.82     1.40
 YES                   NO
 VOL141          0   0.38757E-02  492195.3 3762409.1   670.2     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:39:03

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 VOL142          0   0.38757E-02  492058.8 3762453.2   684.2     5.00    31.82     1.40
 YES                   NO
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VOL143	0	0.38757E-02	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.38757E-02	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.38757E-02	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.38757E-02	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.38757E-02	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.38757E-02	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.38757E-02	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						
VOL150	0	0.38757E-02	492325.0	3761335.6	691.0	5.00	31.82	1.40
YES		NO						
VOL151	0	0.38757E-02	492322.6	3761477.1	685.4	5.00	31.82	1.40
YES		NO						
VOL152	0	0.38757E-02	492305.1	3761068.7	680.8	5.00	31.82	1.40
YES		NO						
VOL153	0	0.38757E-02	492322.6	3761194.1	682.6	5.00	31.82	1.40
YES		NO						
VOL154	0	0.38757E-02	492191.5	3761335.6	683.7	5.00	31.82	1.40
YES		NO						
VOL155	0	0.38757E-02	492189.2	3761477.1	693.8	5.00	31.82	1.40
YES		NO						
VOL156	0	0.38757E-02	492238.4	3761059.6	676.0	5.00	31.82	1.40
YES		NO						
VOL157	0	0.38757E-02	492189.2	3761194.1	677.8	5.00	31.82	1.40
YES		NO						
VOL158	0	0.38757E-02	492419.9	3760998.3	689.8	5.00	31.82	1.40
YES		NO						
VOL159	0	0.38757E-02	492111.4	3761281.5	683.5	5.00	31.82	1.40
YES		NO						
VOL160	0	0.38757E-02	492055.5	3761413.1	669.3	5.00	31.82	1.40
YES		NO						
VOL161	0	0.38757E-02	492057.3	3761515.9	682.8	5.00	31.82	1.40
YES		NO						
VOL162	0	0.38757E-02	492008.6	3761494.3	684.2	5.00	31.82	1.40
YES		NO						
VOL163	0	0.38757E-02	492014.1	3761416.7	668.3	5.00	31.82	1.40
YES		NO						
VOL164	0	0.38757E-02	492190.8	3761535.8	686.1	5.00	31.82	1.40
YES		NO						
VOL165	0	0.38757E-02	492326.1	3761519.5	681.3	5.00	31.82	1.40
YES		NO						
VOL166	0	0.38757E-02	493401.0	3761806.3	709.4	5.00	31.82	1.40
YES		NO						
VOL167	0	0.38757E-02	493514.6	3761800.9	707.0	5.00	31.82	1.40
YES		NO						
VOL168	0	0.38757E-02	491218.7	3762466.4	662.9	5.00	31.82	1.40
YES		NO						
VOL169	0	0.38757E-02	491225.9	3762334.7	670.5	5.00	31.82	1.40
YES		NO						
VOL170	0	0.38757E-02	491247.5	3762210.3	671.3	5.00	31.82	1.40
YES		NO						
VOL171	0	0.38757E-02	491083.4	3762369.0	660.6	5.00	31.82	1.40
YES		NO						
VOL172	0	0.38757E-02	491112.3	3762230.1	666.9	5.00	31.82	1.40
YES		NO						
VOL173	0	0.38757E-02	490867.0	3762534.9	630.8	5.00	31.82	1.40
YES		NO						
VOL174	0	0.38757E-02	490726.3	3762533.1	641.0	5.00	31.82	1.40
YES		NO						
VOL175	0	0.38757E-02	490347.6	3762574.6	669.2	5.00	31.82	1.40
YES		NO						

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 VOL176          0   0.38757E-02  490208.7 3762567.4   659.0     5.00    31.82     1.40
 YES                   NO
 VOL177          0   0.38757E-02  490073.4 3762509.7   648.6     5.00    31.82     1.40
 YES                   NO
 VOL178          0   0.38757E-02  489936.4 3762468.2   645.5     5.00    31.82     1.40
 YES                   NO
 VOL179          0   0.38757E-02  490425.1 3762441.2   661.4     5.00    31.82     1.40
 YES                   NO
 VOL180          0   0.38757E-02  490289.9 3762439.4   676.6     5.00    31.82     1.40
 YES                   NO
 VOL181          0   0.38757E-02  490154.6 3762435.7   660.5     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:39:03

                     PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL182          0   0.38757E-02  490024.7 3762374.4   646.6     5.00    31.82     1.40
 YES                   NO
 VOL183          0   0.38757E-02  490349.4 3762309.5   666.3     5.00    31.82     1.40
 YES                   NO
 VOL184          0   0.38757E-02  490214.1 3762304.1   672.6     5.00    31.82     1.40
 YES                   NO
 VOL185          0   0.38757E-02  490082.5 3762298.7   667.9     5.00    31.82     1.40
 YES                   NO
 VOL186          0   0.38757E-02  489977.9 3762239.2   678.2     5.00    31.82     1.40
 YES                   NO
 VOL187          0   0.38757E-02  489923.7 3762147.2   674.0     5.00    31.82     1.40
 YES                   NO
 VOL188          0   0.38757E-02  490055.4 3762116.5   674.4     5.00    31.82     1.40
 YES                   NO
 VOL189          0   0.38757E-02  490116.7 3762165.2   679.8     5.00    31.82     1.40
 YES                   NO
 VOL190          0   0.38757E-02  490226.7 3762168.8   662.6     5.00    31.82     1.40
 YES                   NO
 VOL191          0   0.38757E-02  490149.2 3762037.2   660.1     5.00    31.82     1.40
 YES                   NO
 VOL192          0   0.38757E-02  494140.4 3761657.6   711.0     5.00    31.82     1.40
 YES                   NO
 VOL193          0   0.38757E-02  494263.5 3761644.8   714.4     5.00    31.82     1.40
 YES                   NO
 VOL194          0   0.38757E-02  494344.1 3761139.8   717.6     5.00    31.82     1.40
 YES                   NO
 VOL195          0   0.38757E-02  494437.5 3761008.3   705.9     5.00    31.82     1.40
 YES                   NO
 VOL196          0   0.38757E-02  494571.2 3761052.8   712.5     5.00    31.82     1.40
 YES                   NO
 VOL197          0   0.38757E-02  494431.1 3761139.8   722.3     5.00    31.82     1.40
 YES                   NO
 VOL198          0   0.38757E-02  494429.0 3761224.7   720.2     5.00    31.82     1.40
 YES                   NO
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
	VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
	VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,
	VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 , VOL132 , VOL133 ,
	VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 , VOL140 , VOL141 ,
	VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 , VOL148 , VOL149 ,
	VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,

VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

2189641. VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 ,
VOL11 ,

VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 ,

VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 ,

VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 ,
VOL51 , VOL52 ,

VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 ,
VOL59 , VOL60 ,

VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 ,
VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,

567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,

723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24

*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	4.71986	(12091721)	493409.97	3761986.39	4.70972	(12082722)
493417.46	3761972.99	4.76119	(12082722)	493468.31	3761958.40	4.64735	(12082722)
493499.84	3761947.37	4.59613	(12082722)	493614.36	3761892.81	4.30823	(13070724)
493613.66	3761905.05	4.27760	(12082722)	493614.36	3761917.12	4.27910	(13070822)
493614.36	3761927.44	4.29715	(13070822)	493613.31	3761940.20	4.32287	(13070822)
493616.46	3761952.10	4.29862	(13070822)	493615.23	3761961.71	4.27250	(13070822)
493614.53	3761973.78	4.22840	(13070822)	493614.01	3761984.98	4.18525	(13070822)
493613.66	3761996.52	4.11210	(13070822)	493614.18	3762007.36	4.03889	(13070822)
493615.76	3762018.56	3.97457	(13061924)	493614.71	3762025.73	3.96684	(13061924)
493614.36	3762035.00	3.95368	(13061924)	493613.13	3762043.74	3.94273	(13061924)
493613.66	3762052.14	3.92631	(13061924)	493613.83	3762061.58	3.90753	(13061924)
493614.18	3762071.55	3.90569	(13072306)	493696.46	3761742.53	4.05660	(13083103)
493707.35	3761768.92	3.99860	(13090106)	493727.98	3761742.80	4.14202	(13082402)
493755.61	3761733.69	4.42431	(13082402)	493750.48	3761720.58	4.28590	(13082402)
493745.92	3761709.48	4.20591	(13082402)	493741.37	3761696.95	4.20335	(13083102)
493738.52	3761681.00	4.25544	(13083102)	493737.38	3761663.91	4.29863	(13081505)
493736.52	3761651.38	4.34471	(13081505)	494418.08	3761416.13	5.42257	(12081001)
494473.73	3761368.11	5.67268	(12081004)	494939.85	3761394.35	3.90624	(12081004)
494686.37	3761403.42	4.41940	(12090723)	494575.98	3761568.60	4.06731	(13090106)
494541.49	3761602.79	4.15118	(13090106)	494822.53	3761435.24	3.92421	(12090723)
494846.18	3761504.63	3.61092	(12080206)	494841.06			

3761535.78	3.51213	(12080206)			
494837.90	3761553.12	3.45089	(12080206)		494885.61
3761199.09	4.21051	(13090721)			
494976.68	3761325.65	4.24483	(13083105)		494985.35
3761366.25	4.02211	(13083105)			
495070.90	3761299.23	3.48615	(12062623)		495115.47
3760632.60	4.61167	(12060102)			
495069.03	3760685.30	4.75572	(13070823)		495087.55
3760728.31	4.81610	(13072504)			
495079.90	3760834.52	4.95034	(13090105)		495202.38
3760883.65	4.82064	(13090105)			
495237.63	3760939.31	4.65851	(12090520)		495298.45
3761048.56	4.20550	(12072023)			
490844.43	3759375.83	0.41649	(13092306)		490895.79
3759357.70	0.41757	(13092306)			
490596.67	3759246.67	0.39832	(13092306)		489103.59
3759859.22	0.35063	(12111305)			
488940.48	3759893.26	0.34140	(14021406)		488472.34
3759865.64	0.31979	(13112202)			
488432.53	3759884.27	0.31933	(13112202)		488713.15
3759827.76	0.32723	(14021406)			
487562.29	3760285.62	0.34201	(14090307)		487809.35
3760420.86	0.35323	(14090307)			
487553.10	3761208.24	0.35068	(14011223)		487899.76
3760972.40	0.35830	(14090307)			
487983.18	3762301.23	0.49486	(14022723)		487913.66
3762403.25	0.50365	(16123016)			
487890.59	3762238.09	0.47800	(13010807)		488190.14
3762513.88	0.54950	(16123016)			
488424.39	3762586.51	0.58664	(14022723)		488657.54
3762495.87	0.67465	(14022723)			
488908.17	3762583.23	0.76296	(14011323)		489170.26
3762660.77	0.91955	(12010119)			
489382.17	3762809.64	0.99899	(14011322)		489294.91
3762783.65	0.95711	(14011322)			
489889.72	3762661.22	2.08652	(14120316)		490022.93
3762783.29	1.44922	(14120316)			
490423.96	3762839.25	1.36083	(14120316)		490375.94
3762870.37	1.28355	(14120316)			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- - - -

491453.08	3762845.48	1.72269	(14012117)	491132.33
3762903.51	1.37597	(14012117)		
492828.06	3762200.49	5.49454	(12080922)	492961.55
3762258.51	4.70229	(13090721)		
493033.99	3762272.60	5.44628	(13072306)	493032.31
3762205.18	5.34641	(12080922)		
493087.32	3762215.25	5.28235	(13072306)	493079.94
3762296.41	5.03581	(13083105)		
493163.79	3762367.18	3.61356	(12080923)	493068.87
3762510.05	3.81057	(13071201)		
493101.07	3762454.71	4.12757	(13071201)	493281.84
3762369.19	4.03785	(13083105)		
493351.51	3762095.42	4.57546	(13072306)	493439.48
3762105.84	4.35512	(13072306)		
493972.90	3763044.23	2.31968	(12071206)	493957.03
3763184.09	2.19001	(12071206)		
493583.55	3763480.45	1.75115	(13020219)	493258.47
3763568.15	1.52906	(13070402)		
492895.78	3763485.72	1.02541	(13071201)	493781.01
3761659.05	4.85805	(12090520)		
493797.63	3761658.35	4.85988	(12090520)	493831.94
3761631.47	4.73110	(13090105)		
493900.20	3761664.01	4.70173	(13090106)	493918.59
3761666.13	4.67943	(13090106)		
493929.55	3761662.24	4.66219	(13090106)	493945.82
3761667.90	4.63770	(13090106)		
493758.37	3761524.30	4.56035	(12080801)	493961.03
3761672.85	4.60196	(13090106)		
493975.18	3761679.57	4.59255	(13090106)	493987.55
3761687.70	4.55521	(13090106)		
493998.87	3761697.25	4.51959	(13090106)	494007.71
3761707.51	4.45761	(12070924)		
494016.91	3761718.12	4.40617	(12082722)	494024.69
3761730.85	4.36127	(12082722)		
492955.24	3762130.13	5.08318	(12080922)	492955.24
3761996.30	5.36919	(12072023)		

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	5.67268	ON 12081004: AT (494473.73, 3761368.11, 723.51, 723.51, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 419 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 419 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Ops PM10\15218
Ph3 Ops PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Ops PM10.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
```

LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
LOCATION VOL51	VOLUME	493605.815	3761025.972	697.630
LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
LOCATION VOL62	VOLUME	494174.278	3760981.156	692.870
LOCATION VOL63	VOLUME	494301.652	3760992.949	697.050
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492460.221	3761324.738	683.350
LOCATION VOL109	VOLUME	492457.862	3761183.212	697.370
LOCATION VOL110	VOLUME	492440.336	3761057.824	691.830
LOCATION VOL111	VOLUME	492457.862	3761466.264	683.770
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090

LOCATION VOL116 VOLUME 494005.497 3761391.736 716.150
LOCATION VOL117 VOLUME 494278.568 3761268.413 705.410
LOCATION VOL118 VOLUME 494351.241 3761308.052 709.780
LOCATION VOL119 VOLUME 491794.496 3762014.956 683.700
LOCATION VOL120 VOLUME 491794.496 3762136.076 681.790
LOCATION VOL121 VOLUME 491651.353 3762014.956 680.920
LOCATION VOL122 VOLUME 491655.758 3762138.279 683.820
LOCATION VOL123 VOLUME 491459.763 3761713.256 683.590
LOCATION VOL124 VOLUME 491398.101 3761664.807 677.350
LOCATION VOL125 VOLUME 491380.484 3761770.513 674.750
LOCATION VOL126 VOLUME 491523.626 3761851.994 657.220
LOCATION VOL127 VOLUME 491448.752 3761907.048 668.820
LOCATION VOL128 VOLUME 492778.876 3761534.878 683.590
LOCATION VOL129 VOLUME 492911.007 3761534.878 684.000
LOCATION VOL130 VOLUME 493065.161 3761816.759 708.650
LOCATION VOL131 VOLUME 493058.554 3761717.660 705.190
LOCATION VOL132 VOLUME 492988.084 3761807.950 705.320
LOCATION VOL133 VOLUME 492981.477 3761735.277 701.790
LOCATION VOL134 VOLUME 491550.052 3761986.327 682.650
LOCATION VOL135 VOLUME 491409.112 3761992.934 680.060
LOCATION VOL136 VOLUME 491457.560 3762125.065 662.660
LOCATION VOL137 VOLUME 491567.670 3762125.065 679.290
LOCATION VOL138 VOLUME 491561.063 3762266.006 677.300
LOCATION VOL139 VOLUME 491662.364 3762387.126 668.980
LOCATION VOL140 VOLUME 492329.628 3762378.318 687.970
LOCATION VOL141 VOLUME 492195.295 3762409.148 670.190
LOCATION VOL142 VOLUME 492058.759 3762453.192 684.210
LOCATION VOL143 VOLUME 492135.836 3762514.853 686.220
LOCATION VOL144 VOLUME 491926.627 3762475.214 684.170
LOCATION VOL145 VOLUME 491781.283 3762517.056 682.340
LOCATION VOL146 VOLUME 491926.627 3762517.056 687.810
LOCATION VOL147 VOLUME 492038.939 3762517.056 687.890
LOCATION VOL148 VOLUME 494205.896 3761460.003 714.000
LOCATION VOL149 VOLUME 491610.647 3762444.907 676.340
LOCATION VOL150 VOLUME 492325.004 3761335.580 691.050
LOCATION VOL151 VOLUME 492322.645 3761477.106 685.370
LOCATION VOL152 VOLUME 492305.119 3761068.666 680.790
LOCATION VOL153 VOLUME 492322.645 3761194.054 682.590
LOCATION VOL154 VOLUME 492191.541 3761335.580 683.690
LOCATION VOL155 VOLUME 492189.183 3761477.106 693.830
LOCATION VOL156 VOLUME 492238.388 3761059.648 675.990
LOCATION VOL157 VOLUME 492189.183 3761194.054 677.760
LOCATION VOL158 VOLUME 492419.852 3760998.320 689.790
LOCATION VOL159 VOLUME 492111.445 3761281.477 683.550
LOCATION VOL160 VOLUME 492055.536 3761413.135 669.310
LOCATION VOL161 VOLUME 492057.339 3761515.937 682.850
LOCATION VOL162 VOLUME 492008.643 3761494.295 684.200
LOCATION VOL163 VOLUME 492014.054 3761416.742 668.320
LOCATION VOL164 VOLUME 492190.801 3761535.776 686.060
LOCATION VOL165 VOLUME 492326.067 3761519.544 681.320
LOCATION VOL166 VOLUME 493400.980 3761806.308 709.360
LOCATION VOL167 VOLUME 493514.603 3761800.897 707.000
LOCATION VOL168 VOLUME 491218.691 3762466.405 662.900
LOCATION VOL169 VOLUME 491225.905 3762334.747 670.510
LOCATION VOL170 VOLUME 491247.547 3762210.302 671.300
LOCATION VOL171 VOLUME 491083.425 3762369.014 660.610
LOCATION VOL172 VOLUME 491112.282 3762230.141 666.880
LOCATION VOL173 VOLUME 490867.000 3762534.940 630.790
LOCATION VOL174 VOLUME 490726.323 3762533.137 641.040
LOCATION VOL175 VOLUME 490347.579 3762574.618 669.180
LOCATION VOL176 VOLUME 490208.706 3762567.404 658.980
LOCATION VOL177 VOLUME 490073.440 3762509.691 648.630
LOCATION VOL178 VOLUME 489936.370 3762468.209 645.490
LOCATION VOL179 VOLUME 490425.131 3762441.156 661.430
LOCATION VOL180 VOLUME 490289.865 3762439.352 676.600
LOCATION VOL181 VOLUME 490154.599 3762435.745 660.500

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   LOCATION VOL182       VOLUME     490024.744  3762374.425      646.610
   LOCATION VOL183       VOLUME     490349.382  3762309.497      666.260
   LOCATION VOL184       VOLUME     490214.116  3762304.086      672.620
   LOCATION VOL185       VOLUME     490082.458  3762298.676      667.950
   LOCATION VOL186       VOLUME     489977.852  3762239.159      678.170
   LOCATION VOL187       VOLUME     489923.746  3762147.178      674.000
   LOCATION VOL188       VOLUME     490055.404  3762116.518      674.400
   LOCATION VOL189       VOLUME     490116.725  3762165.213      679.770
   LOCATION VOL190       VOLUME     490226.741  3762168.821      662.600
   LOCATION VOL191       VOLUME     490149.189  3762037.162      660.120
   LOCATION VOL192       VOLUME     494140.445  3761657.568      711.010
   LOCATION VOL193       VOLUME     494263.511  3761644.837      714.410
   LOCATION VOL194       VOLUME     494344.140  3761139.843      717.560
   LOCATION VOL195       VOLUME     494437.500  3761008.290      705.860
   LOCATION VOL196       VOLUME     494571.175  3761052.848      712.520
   LOCATION VOL197       VOLUME     494431.135  3761139.843      722.350
   LOCATION VOL198       VOLUME     494429.013  3761224.716      720.230
   LOCATION VOL199       VOLUME     494569.054  3761184.402      716.620
** Source Parameters **
   SRCPARAM VOL4         0.003209166     5.000    31.816     1.400
   SRCPARAM VOL5         0.003209166     5.000    31.816     1.400
   SRCPARAM VOL6         0.003209166     5.000    31.816     1.400
   SRCPARAM VOL7         0.003209166     5.000    31.816     1.400
   SRCPARAM VOL8         0.003209166     5.000    31.816     1.400
   SRCPARAM VOL9         0.003209166     5.000    31.816     1.400
   SRCPARAM VOL10        0.003209166     5.000    31.816     1.400
   SRCPARAM VOL11        0.003209166     5.000    31.816     1.400
   SRCPARAM VOL12        0.003209166     5.000    31.816     1.400
   SRCPARAM VOL16        0.003209166     5.000    31.816     1.400
   SRCPARAM VOL17        0.003209166     5.000    31.816     1.400
   SRCPARAM VOL18        0.003209166     5.000    31.816     1.400
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   SRCPARAM VOL66        0.003209166     5.000    31.816     1.400
   SRCPARAM VOL67        0.003209166     5.000    31.816     1.400
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SRCPARAM VOL192       0.003209166     5.000    31.816     1.400
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SRCPARAM VOL194       0.003209166     5.000    31.816     1.400
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SRCPARAM VOL198       0.003209166     5.000    31.816     1.400
SRCPARAM VOL199       0.003209166     5.000    31.816     1.400
URBANSRC ALL
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   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED "15218 Ph3 Ops PM10.rou"
RE FINISHED
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** AERMOD Meteorology Pathway
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**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
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**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH3 OPS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph3 Ops PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     419       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     419       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:58:51
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Ops
PM10.err
**File for Summary of Results: 15218 Ph3 Ops
PM10.sum
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 10:58:51

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL4	0	0.32092E-02	492797.1	3762283.9	695.0	5.00	31.82	1.40	NO
YES									
VOL5	0	0.32092E-02	493197.6	3761815.0	710.4	5.00	31.82	1.40	NO
YES									
VOL6	0	0.32092E-02	492524.0	3762265.1	688.3	5.00	31.82	1.40	NO
YES									
VOL7	0	0.32092E-02	492388.1	3762262.6	696.8	5.00	31.82	1.40	NO
YES									
VOL8	0	0.32092E-02	492254.8	3762271.8	683.2	5.00	31.82	1.40	NO
YES									
VOL9	0	0.32092E-02	493145.9	3761467.1	686.4	5.00	31.82	1.40	NO
YES									
VOL10	0	0.32092E-02	493285.0	3761471.8	687.9	5.00	31.82	1.40	NO
YES									
VOL11	0	0.32092E-02	493368.3	3761535.2	695.0	5.00	31.82	1.40	NO
YES									
VOL12	0	0.32092E-02	493510.0	3761002.1	674.8	5.00	31.82	1.40	NO
YES									
VOL16	0	0.32092E-02	492659.4	3762267.1	695.9	5.00	31.82	1.40	NO
YES									
VOL17	0	0.32092E-02	493185.4	3761712.2	707.4	5.00	31.82	1.40	NO
YES									
VOL18	0	0.32092E-02	491986.2	3762340.0	678.9	5.00	31.82	1.40	NO
YES									
VOL19	0	0.32092E-02	491843.1	3762383.8	670.7	5.00	31.82	1.40	NO
YES									
VOL20	0	0.32092E-02	492118.5	3762307.8	682.7	5.00	31.82	1.40	NO
YES									
VOL21	0	0.32092E-02	493148.2	3761325.5	685.0	5.00	31.82	1.40	NO
YES									
VOL22	0	0.32092E-02	493285.0	3761332.6	690.3	5.00	31.82	1.40	NO
YES									
VOL23	0	0.32092E-02	493368.3	3761393.7	681.0	5.00	31.82	1.40	NO
YES									
VOL24	0	0.32092E-02	493874.8	3761274.2	695.9	5.00	31.82	1.40	NO
YES									
VOL25	0	0.32092E-02	494008.7	3761247.0	701.2	5.00	31.82	1.40	NO
YES									

VOL26 0 0.32092E-02 494137.7 3761246.0 721.6 5.00 31.82 1.40
YES NO
VOL30 0 0.32092E-02 493263.0 3761716.6 705.5 5.00 31.82 1.40
YES NO
VOL31 0 0.32092E-02 493268.3 3761811.5 710.9 5.00 31.82 1.40
YES NO
VOL35 0 0.32092E-02 493145.9 3761184.0 686.7 5.00 31.82 1.40
YES NO
VOL36 0 0.32092E-02 493287.4 3761193.4 698.1 5.00 31.82 1.40
YES NO
VOL37 0 0.32092E-02 493373.0 3761252.2 680.9 5.00 31.82 1.40
YES NO
VOL46 0 0.32092E-02 493128.3 3761058.6 681.0 5.00 31.82 1.40
YES NO
VOL47 0 0.32092E-02 493228.4 3761082.6 683.1 5.00 31.82 1.40
YES NO
VOL48 0 0.32092E-02 493354.1 3761167.3 672.4 5.00 31.82 1.40
YES NO
VOL49 0 0.32092E-02 493730.8 3761261.8 682.1 5.00 31.82 1.40
YES NO
VOL50 0 0.32092E-02 493622.3 3761120.3 685.5 5.00 31.82 1.40
YES NO
VOL51 0 0.32092E-02 493605.8 3761026.0 697.6 5.00 31.82 1.40
YES NO
VOL52 0 0.32092E-02 493754.4 3761122.7 701.4 5.00 31.82 1.40
YES NO
VOL53 0 0.32092E-02 493888.9 3761136.8 695.4 5.00 31.82 1.40
YES NO
VOL54 0 0.32092E-02 494028.0 3761118.0 705.9 5.00 31.82 1.40
YES NO
VOL55 0 0.32092E-02 494162.5 3761118.0 703.1 5.00 31.82 1.40
YES NO
VOL56 0 0.32092E-02 494212.0 3761120.3 695.8 5.00 31.82 1.40
YES NO
VOL57 0 0.32092E-02 493747.3 3760981.2 688.8 5.00 31.82 1.40
YES NO
VOL58 0 0.32092E-02 493888.9 3760995.3 684.8 5.00 31.82 1.40
YES NO
VOL59 0 0.32092E-02 493884.1 3760901.0 683.2 5.00 31.82 1.40
YES NO
VOL60 0 0.32092E-02 494032.8 3760981.2 693.3 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT		BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	SCALAR VARY BY
	CATS.		X (METERS)	Y (METERS)	(METERS)	(METERS)	(METERS)		
VOL61	0	0.32092E-02	494025.7	3760901.0	694.7	5.00	31.82	1.40	
YES		NO							
VOL62	0	0.32092E-02	494174.3	3760981.2	692.9	5.00	31.82	1.40	
YES		NO							

VOL63	0	0.32092E-02	494301.7	3760992.9	697.0	5.00	31.82	1.40
YES		NO						
VOL64	0	0.32092E-02	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.32092E-02	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.32092E-02	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.32092E-02	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.32092E-02	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.32092E-02	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.32092E-02	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.32092E-02	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.32092E-02	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL74	0	0.32092E-02	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.32092E-02	491917.1	3762126.5	686.3	5.00	31.82	1.40
YES		NO						
VOL76	0	0.32092E-02	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES		NO						
VOL77	0	0.32092E-02	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES		NO						
VOL78	0	0.32092E-02	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES		NO						
VOL79	0	0.32092E-02	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES		NO						
VOL80	0	0.32092E-02	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES		NO						
VOL81	0	0.32092E-02	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES		NO						
VOL82	0	0.32092E-02	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES		NO						
VOL83	0	0.32092E-02	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES		NO						
VOL84	0	0.32092E-02	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES		NO						
VOL85	0	0.32092E-02	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES		NO						
VOL86	0	0.32092E-02	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES		NO						
VOL87	0	0.32092E-02	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES		NO						
VOL88	0	0.32092E-02	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES		NO						
VOL89	0	0.32092E-02	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES		NO						
VOL90	0	0.32092E-02	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES		NO						
VOL91	0	0.32092E-02	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES		NO						
VOL92	0	0.32092E-02	493009.6	3761326.3	677.2	5.00	31.82	1.40
YES		NO						
VOL93	0	0.32092E-02	493007.3	3761184.8	680.7	5.00	31.82	1.40
YES		NO						
VOL94	0	0.32092E-02	492989.8	3761059.4	667.2	5.00	31.82	1.40
YES		NO						
VOL95	0	0.32092E-02	493007.3	3761467.9	685.7	5.00	31.82	1.40
YES		NO						
VOL96	0	0.32092E-02	492870.9	3761328.5	683.9	5.00	31.82	1.40
YES		NO						

VOL97 0 0.32092E-02 492868.6 3761187.0 685.6 5.00 31.82 1.40
YES NO
VOL98 0 0.32092E-02 492851.0 3761061.6 685.9 5.00 31.82 1.40
YES NO
VOL99 0 0.32092E-02 492868.6 3761470.1 684.7 5.00 31.82 1.40
YES NO
VOL100 0 0.32092E-02 492734.4 3761330.7 695.1 5.00 31.82 1.40
YES NO
VOL101 0 0.32092E-02 492732.0 3761189.2 696.1 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL102	0	0.32092E-02	492714.5	3761063.8	701.2	5.00	31.82	1.40	
YES		NO							
VOL103	0	0.32092E-02	492732.0	3761472.3	683.0	5.00	31.82	1.40	
YES		NO							
VOL104	0	0.32092E-02	492600.0	3761332.9	685.1	5.00	31.82	1.40	
YES		NO							
VOL105	0	0.32092E-02	492597.7	3761191.4	696.6	5.00	31.82	1.40	
YES		NO							
VOL106	0	0.32092E-02	492580.2	3761066.0	698.9	5.00	31.82	1.40	
YES		NO							
VOL107	0	0.32092E-02	492597.7	3761474.5	684.3	5.00	31.82	1.40	
YES		NO							
VOL108	0	0.32092E-02	492460.2	3761324.7	683.3	5.00	31.82	1.40	
YES		NO							
VOL109	0	0.32092E-02	492457.9	3761183.2	697.4	5.00	31.82	1.40	
YES		NO							
VOL110	0	0.32092E-02	492440.3	3761057.8	691.8	5.00	31.82	1.40	
YES		NO							
VOL111	0	0.32092E-02	492457.9	3761466.3	683.8	5.00	31.82	1.40	
YES		NO							
VOL112	0	0.32092E-02	492547.6	3761006.4	698.0	5.00	31.82	1.40	
YES		NO							
VOL113	0	0.32092E-02	492686.4	3761006.4	700.8	5.00	31.82	1.40	
YES		NO							
VOL114	0	0.32092E-02	492827.3	3761010.8	686.2	5.00	31.82	1.40	
YES		NO							
VOL115	0	0.32092E-02	494155.2	3761385.1	718.1	5.00	31.82	1.40	
YES		NO							
VOL116	0	0.32092E-02	494005.5	3761391.7	716.1	5.00	31.82	1.40	
YES		NO							
VOL117	0	0.32092E-02	494278.6	3761268.4	705.4	5.00	31.82	1.40	
YES		NO							
VOL118	0	0.32092E-02	494351.2	3761308.1	709.8	5.00	31.82	1.40	
YES		NO							
VOL119	0	0.32092E-02	491794.5	3762015.0	683.7	5.00	31.82	1.40	
YES		NO							

```
 VOL120          0   0.32092E-02  491794.5 3762136.1   681.8     5.00    31.82     1.40
 YES                   NO
 VOL121          0   0.32092E-02  491651.4 3762015.0   680.9     5.00    31.82     1.40
 YES                   NO
 VOL122          0   0.32092E-02  491655.8 3762138.3   683.8     5.00    31.82     1.40
 YES                   NO
 VOL123          0   0.32092E-02  491459.8 3761713.3   683.6     5.00    31.82     1.40
 YES                   NO
 VOL124          0   0.32092E-02  491398.1 3761664.8   677.3     5.00    31.82     1.40
 YES                   NO
 VOL125          0   0.32092E-02  491380.5 3761770.5   674.8     5.00    31.82     1.40
 YES                   NO
 VOL126          0   0.32092E-02  491523.6 3761852.0   657.2     5.00    31.82     1.40
 YES                   NO
 VOL127          0   0.32092E-02  491448.8 3761907.0   668.8     5.00    31.82     1.40
 YES                   NO
 VOL128          0   0.32092E-02  492778.9 3761534.9   683.6     5.00    31.82     1.40
 YES                   NO
 VOL129          0   0.32092E-02  492911.0 3761534.9   684.0     5.00    31.82     1.40
 YES                   NO
 VOL130          0   0.32092E-02  493065.2 3761816.8   708.6     5.00    31.82     1.40
 YES                   NO
 VOL131          0   0.32092E-02  493058.6 3761717.7   705.2     5.00    31.82     1.40
 YES                   NO
 VOL132          0   0.32092E-02  492988.1 3761807.9   705.3     5.00    31.82     1.40
 YES                   NO
 VOL133          0   0.32092E-02  492981.5 3761735.3   701.8     5.00    31.82     1.40
 YES                   NO
 VOL134          0   0.32092E-02  491550.1 3761986.3   682.6     5.00    31.82     1.40
 YES                   NO
 VOL135          0   0.32092E-02  491409.1 3761992.9   680.1     5.00    31.82     1.40
 YES                   NO
 VOL136          0   0.32092E-02  491457.6 3762125.1   662.7     5.00    31.82     1.40
 YES                   NO
 VOL137          0   0.32092E-02  491567.7 3762125.1   679.3     5.00    31.82     1.40
 YES                   NO
 VOL138          0   0.32092E-02  491561.1 3762266.0   677.3     5.00    31.82     1.40
 YES                   NO
 VOL139          0   0.32092E-02  491662.4 3762387.1   669.0     5.00    31.82     1.40
 YES                   NO
 VOL140          0   0.32092E-02  492329.6 3762378.3   688.0     5.00    31.82     1.40
 YES                   NO
 VOL141          0   0.32092E-02  492195.3 3762409.1   670.2     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:58:51

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - -

 VOL142          0   0.32092E-02  492058.8 3762453.2   684.2     5.00    31.82     1.40
 YES                   NO
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VOL143	0	0.32092E-02	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.32092E-02	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.32092E-02	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.32092E-02	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.32092E-02	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.32092E-02	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.32092E-02	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						
VOL150	0	0.32092E-02	492325.0	3761335.6	691.0	5.00	31.82	1.40
YES		NO						
VOL151	0	0.32092E-02	492322.6	3761477.1	685.4	5.00	31.82	1.40
YES		NO						
VOL152	0	0.32092E-02	492305.1	3761068.7	680.8	5.00	31.82	1.40
YES		NO						
VOL153	0	0.32092E-02	492322.6	3761194.1	682.6	5.00	31.82	1.40
YES		NO						
VOL154	0	0.32092E-02	492191.5	3761335.6	683.7	5.00	31.82	1.40
YES		NO						
VOL155	0	0.32092E-02	492189.2	3761477.1	693.8	5.00	31.82	1.40
YES		NO						
VOL156	0	0.32092E-02	492238.4	3761059.6	676.0	5.00	31.82	1.40
YES		NO						
VOL157	0	0.32092E-02	492189.2	3761194.1	677.8	5.00	31.82	1.40
YES		NO						
VOL158	0	0.32092E-02	492419.9	3760998.3	689.8	5.00	31.82	1.40
YES		NO						
VOL159	0	0.32092E-02	492111.4	3761281.5	683.5	5.00	31.82	1.40
YES		NO						
VOL160	0	0.32092E-02	492055.5	3761413.1	669.3	5.00	31.82	1.40
YES		NO						
VOL161	0	0.32092E-02	492057.3	3761515.9	682.8	5.00	31.82	1.40
YES		NO						
VOL162	0	0.32092E-02	492008.6	3761494.3	684.2	5.00	31.82	1.40
YES		NO						
VOL163	0	0.32092E-02	492014.1	3761416.7	668.3	5.00	31.82	1.40
YES		NO						
VOL164	0	0.32092E-02	492190.8	3761535.8	686.1	5.00	31.82	1.40
YES		NO						
VOL165	0	0.32092E-02	492326.1	3761519.5	681.3	5.00	31.82	1.40
YES		NO						
VOL166	0	0.32092E-02	493401.0	3761806.3	709.4	5.00	31.82	1.40
YES		NO						
VOL167	0	0.32092E-02	493514.6	3761800.9	707.0	5.00	31.82	1.40
YES		NO						
VOL168	0	0.32092E-02	491218.7	3762466.4	662.9	5.00	31.82	1.40
YES		NO						
VOL169	0	0.32092E-02	491225.9	3762334.7	670.5	5.00	31.82	1.40
YES		NO						
VOL170	0	0.32092E-02	491247.5	3762210.3	671.3	5.00	31.82	1.40
YES		NO						
VOL171	0	0.32092E-02	491083.4	3762369.0	660.6	5.00	31.82	1.40
YES		NO						
VOL172	0	0.32092E-02	491112.3	3762230.1	666.9	5.00	31.82	1.40
YES		NO						
VOL173	0	0.32092E-02	490867.0	3762534.9	630.8	5.00	31.82	1.40
YES		NO						
VOL174	0	0.32092E-02	490726.3	3762533.1	641.0	5.00	31.82	1.40
YES		NO						
VOL175	0	0.32092E-02	490347.6	3762574.6	669.2	5.00	31.82	1.40
YES		NO						

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 VOL176          0   0.32092E-02  490208.7 3762567.4   659.0     5.00    31.82     1.40
 YES                   NO
 VOL177          0   0.32092E-02  490073.4 3762509.7   648.6     5.00    31.82     1.40
 YES                   NO
 VOL178          0   0.32092E-02  489936.4 3762468.2   645.5     5.00    31.82     1.40
 YES                   NO
 VOL179          0   0.32092E-02  490425.1 3762441.2   661.4     5.00    31.82     1.40
 YES                   NO
 VOL180          0   0.32092E-02  490289.9 3762439.4   676.6     5.00    31.82     1.40
 YES                   NO
 VOL181          0   0.32092E-02  490154.6 3762435.7   660.5     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:58:51

                     PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL182          0   0.32092E-02  490024.7 3762374.4   646.6     5.00    31.82     1.40
 YES                   NO
 VOL183          0   0.32092E-02  490349.4 3762309.5   666.3     5.00    31.82     1.40
 YES                   NO
 VOL184          0   0.32092E-02  490214.1 3762304.1   672.6     5.00    31.82     1.40
 YES                   NO
 VOL185          0   0.32092E-02  490082.5 3762298.7   667.9     5.00    31.82     1.40
 YES                   NO
 VOL186          0   0.32092E-02  489977.9 3762239.2   678.2     5.00    31.82     1.40
 YES                   NO
 VOL187          0   0.32092E-02  489923.7 3762147.2   674.0     5.00    31.82     1.40
 YES                   NO
 VOL188          0   0.32092E-02  490055.4 3762116.5   674.4     5.00    31.82     1.40
 YES                   NO
 VOL189          0   0.32092E-02  490116.7 3762165.2   679.8     5.00    31.82     1.40
 YES                   NO
 VOL190          0   0.32092E-02  490226.7 3762168.8   662.6     5.00    31.82     1.40
 YES                   NO
 VOL191          0   0.32092E-02  490149.2 3762037.2   660.1     5.00    31.82     1.40
 YES                   NO
 VOL192          0   0.32092E-02  494140.4 3761657.6   711.0     5.00    31.82     1.40
 YES                   NO
 VOL193          0   0.32092E-02  494263.5 3761644.8   714.4     5.00    31.82     1.40
 YES                   NO
 VOL194          0   0.32092E-02  494344.1 3761139.8   717.6     5.00    31.82     1.40
 YES                   NO
 VOL195          0   0.32092E-02  494437.5 3761008.3   705.9     5.00    31.82     1.40
 YES                   NO
 VOL196          0   0.32092E-02  494571.2 3761052.8   712.5     5.00    31.82     1.40
 YES                   NO
 VOL197          0   0.32092E-02  494431.1 3761139.8   722.3     5.00    31.82     1.40
 YES                   NO
 VOL198          0   0.32092E-02  494429.0 3761224.7   720.2     5.00    31.82     1.40
 YES                   NO
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
	VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
	VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,
	VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 , VOL132 , VOL133 ,
	VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 , VOL140 , VOL141 ,
	VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 , VOL148 , VOL149 ,
	VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,

VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

2189641. VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 ,
VOL11 ,

VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 ,

VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 ,

VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 ,
VOL51 , VOL52 ,

VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 ,
VOL59 , VOL60 ,

VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 ,
VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,

567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2,
705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8,
714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1,
717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1,
691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0,
719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5,
722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1,
722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9,
723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8,
724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7,
723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,

723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24

*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	1.48774m	(14111524)	493409.97	3761986.39	1.56403m	(14111524)
493417.46	3761972.99	1.61034m	(14111524)	493468.31	3761958.40	1.58379m	(14111524)
493499.84	3761947.37	1.57748m	(14111524)	493614.36	3761892.81	1.52366m	(14111524)
493613.66	3761905.05	1.48193m	(14111524)	493614.36	3761917.12	1.44057m	(14111524)
493614.36	3761927.44	1.41629	(14013024)	493613.31	3761940.20	1.39411	(14013024)
493616.46	3761952.10	1.35374	(14013024)	493615.23	3761961.71	1.32659	(14013024)
493614.53	3761973.78	1.29330	(14013024)	493614.01	3761984.98	1.26466	(14013024)
493613.66	3761996.52	1.23896	(14013024)	493614.18	3762007.36	1.21639	(14013024)
493615.76	3762018.56	1.19398	(14013024)	493614.71	3762025.73	1.18525	(12110124)
493614.36	3762035.00	1.17614	(12110124)	493613.13	3762043.74	1.16851	(12110124)
493613.66	3762052.14	1.16017	(12110124)	493613.83	3762061.58	1.15144	(12110124)
493614.18	3762071.55	1.14237	(12110124)	493696.46	3761742.53	1.53550m	(14111524)
493707.35	3761768.92	1.48499m	(14111524)	493727.98	3761742.80	1.50455m	(14111524)
493755.61	3761733.69	1.49756m	(14111524)	493750.48	3761720.58	1.51011m	(14111524)
493745.92	3761709.48	1.52489m	(14111524)	493741.37	3761696.95	1.54453m	(14111524)
493738.52	3761681.00	1.56587m	(14111524)	493737.38	3761663.91	1.58569m	(14111524)
493736.52	3761651.38	1.60078m	(14111524)	494418.08	3761416.13	2.09734m	(14111524)
494473.73	3761368.11	2.02565m	(14111524)	494939.85	3761394.35	1.15131	(13070724)
494686.37	3761403.42	1.32516	(13030624)	494575.98	3761568.60	1.15626	(13070724)
494541.49	3761602.79	1.19769	(13070724)	494822.53	3761435.24	1.10328	(13030624)
494846.18	3761504.63	1.02829	(13070724)	494841.06			

3761535.78	1.00688	(13070724)			
494837.90	3761553.12	0.99489	(13070724)	494885.61	
3761199.09	1.39924	(13070724)			
494976.68	3761325.65	1.22109	(13070724)	494985.35	
3761366.25	1.15300	(13070724)			
495070.90	3761299.23	1.10582	(13070724)	495115.47	
3760632.60	1.09947	(12073124)			
495069.03	3760685.30	1.18162	(12073124)	495087.55	
3760728.31	1.23335	(12073124)			
495079.90	3760834.52	1.30121	(12073124)	495202.38	
3760883.65	1.24587	(12073124)			
495237.63	3760939.31	1.20743c	(12080524)	495298.45	
3761048.56	1.19308c	(13090124)			
490844.43	3759375.83	0.20950	(15011124)	490895.79	
3759357.70	0.21033	(15011124)			
490596.67	3759246.67	0.18882	(15011124)	489103.59	
3759859.22	0.15377	(15122224)			
488940.48	3759893.26	0.14716	(15122224)	488472.34	
3759865.64	0.12836	(15122224)			
488432.53	3759884.27	0.12748	(15122224)	488713.15	
3759827.76	0.13595	(15122224)			
487562.29	3760285.62	0.10564	(15122224)	487809.35	
3760420.86	0.11499	(15122224)			
487553.10	3761208.24	0.11785	(12122024)	487899.76	
3760972.40	0.12601	(15122224)			
487983.18	3762301.23	0.14652	(15011124)	487913.66	
3762403.25	0.14118	(15011124)			
487890.59	3762238.09	0.14108	(15011124)	488190.14	
3762513.88	0.15758	(15011124)			
488424.39	3762586.51	0.17421	(15011124)	488657.54	
3762495.87	0.20282	(15011124)			
488908.17	3762583.23	0.23448	(15011124)	489170.26	
3762660.77	0.28541	(15011124)			
489382.17	3762809.64	0.32372	(15011124)	489294.91	
3762783.65	0.30316	(15011124)			
489889.72	3762661.22	0.82306	(15011124)	490022.93	
3762783.29	0.67664	(15011124)			
490423.96	3762839.25	0.68504	(15011124)	490375.94	
3762870.37	0.65144	(15011124)			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- - - -

491453.08	3762845.48	0.90174m	(14111524)	491132.33
3762903.51	0.71963m	(14111524)		
492828.06	3762200.49	2.26690m	(14111524)	492961.55
3762258.51	1.59257	(14013024)		
493033.99	3762272.60	1.52282	(13070724)	493032.31
3762205.18	1.67590	(13070724)		
493087.32	3762215.25	1.54050	(13070724)	493079.94
3762296.41	1.40282	(14013024)		
493163.79	3762367.18	1.09144m	(14111524)	493068.87
3762510.05	1.07723	(14013024)		
493101.07	3762454.71	1.13794	(14013024)	493281.84
3762369.19	1.09115	(14013024)		
493351.51	3762095.42	1.31949m	(14111524)	493439.48
3762105.84	1.22381	(12110124)		
493972.90	3763044.23	0.46989	(12021924)	493957.03
3763184.09	0.42850	(12021924)		
493583.55	3763480.45	0.33990	(12021924)	493258.47
3763568.15	0.33675	(15011124)		
492895.78	3763485.72	0.40859m	(14111524)	493781.01
3761659.05	1.53792m	(14111524)		
493797.63	3761658.35	1.52047m	(14111524)	493831.94
3761631.47	1.51887m	(14111524)		
493900.20	3761664.01	1.48764m	(14111524)	493918.59
3761666.13	1.50216m	(14111524)		
493929.55	3761662.24	1.52575m	(14111524)	493945.82
3761667.90	1.51265m	(14111524)		
493758.37	3761524.30	1.60990m	(14111524)	493961.03
3761672.85	1.51141m	(14111524)		
493975.18	3761679.57	1.53040m	(14111524)	493987.55
3761687.70	1.53021m	(14111524)		
493998.87	3761697.25	1.53141m	(14111524)	494007.71
3761707.51	1.51056m	(14111524)		
494016.91	3761718.12	1.46859m	(14111524)	494024.69
3761730.85	1.46496m	(14111524)		
492955.24	3762130.13	1.76322m	(14111524)	492955.24
3761996.30	1.99859m	(14111524)		

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	2.26690m	ON 14111524: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 419 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 419 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph3 LST\15218 Ph3 Ops PM25\15218
Ph3 Ops PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph3 Ops PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
LOCATION VOL51	VOLUME	493605.815	3761025.972	697.630
LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
LOCATION VOL62	VOLUME	494174.278	3760981.156	692.870
LOCATION VOL63	VOLUME	494301.652	3760992.949	697.050
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492460.221	3761324.738	683.350
LOCATION VOL109	VOLUME	492457.862	3761183.212	697.370
LOCATION VOL110	VOLUME	492440.336	3761057.824	691.830
LOCATION VOL111	VOLUME	492457.862	3761466.264	683.770
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090

LOCATION VOL116 VOLUME 494005.497 3761391.736 716.150
LOCATION VOL117 VOLUME 494278.568 3761268.413 705.410
LOCATION VOL118 VOLUME 494351.241 3761308.052 709.780
LOCATION VOL119 VOLUME 491794.496 3762014.956 683.700
LOCATION VOL120 VOLUME 491794.496 3762136.076 681.790
LOCATION VOL121 VOLUME 491651.353 3762014.956 680.920
LOCATION VOL122 VOLUME 491655.758 3762138.279 683.820
LOCATION VOL123 VOLUME 491459.763 3761713.256 683.590
LOCATION VOL124 VOLUME 491398.101 3761664.807 677.350
LOCATION VOL125 VOLUME 491380.484 3761770.513 674.750
LOCATION VOL126 VOLUME 491523.626 3761851.994 657.220
LOCATION VOL127 VOLUME 491448.752 3761907.048 668.820
LOCATION VOL128 VOLUME 492778.876 3761534.878 683.590
LOCATION VOL129 VOLUME 492911.007 3761534.878 684.000
LOCATION VOL130 VOLUME 493065.161 3761816.759 708.650
LOCATION VOL131 VOLUME 493058.554 3761717.660 705.190
LOCATION VOL132 VOLUME 492988.084 3761807.950 705.320
LOCATION VOL133 VOLUME 492981.477 3761735.277 701.790
LOCATION VOL134 VOLUME 491550.052 3761986.327 682.650
LOCATION VOL135 VOLUME 491409.112 3761992.934 680.060
LOCATION VOL136 VOLUME 491457.560 3762125.065 662.660
LOCATION VOL137 VOLUME 491567.670 3762125.065 679.290
LOCATION VOL138 VOLUME 491561.063 3762266.006 677.300
LOCATION VOL139 VOLUME 491662.364 3762387.126 668.980
LOCATION VOL140 VOLUME 492329.628 3762378.318 687.970
LOCATION VOL141 VOLUME 492195.295 3762409.148 670.190
LOCATION VOL142 VOLUME 492058.759 3762453.192 684.210
LOCATION VOL143 VOLUME 492135.836 3762514.853 686.220
LOCATION VOL144 VOLUME 491926.627 3762475.214 684.170
LOCATION VOL145 VOLUME 491781.283 3762517.056 682.340
LOCATION VOL146 VOLUME 491926.627 3762517.056 687.810
LOCATION VOL147 VOLUME 492038.939 3762517.056 687.890
LOCATION VOL148 VOLUME 494205.896 3761460.003 714.000
LOCATION VOL149 VOLUME 491610.647 3762444.907 676.340
LOCATION VOL150 VOLUME 492325.004 3761335.580 691.050
LOCATION VOL151 VOLUME 492322.645 3761477.106 685.370
LOCATION VOL152 VOLUME 492305.119 3761068.666 680.790
LOCATION VOL153 VOLUME 492322.645 3761194.054 682.590
LOCATION VOL154 VOLUME 492191.541 3761335.580 683.690
LOCATION VOL155 VOLUME 492189.183 3761477.106 693.830
LOCATION VOL156 VOLUME 492238.388 3761059.648 675.990
LOCATION VOL157 VOLUME 492189.183 3761194.054 677.760
LOCATION VOL158 VOLUME 492419.852 3760998.320 689.790
LOCATION VOL159 VOLUME 492111.445 3761281.477 683.550
LOCATION VOL160 VOLUME 492055.536 3761413.135 669.310
LOCATION VOL161 VOLUME 492057.339 3761515.937 682.850
LOCATION VOL162 VOLUME 492008.643 3761494.295 684.200
LOCATION VOL163 VOLUME 492014.054 3761416.742 668.320
LOCATION VOL164 VOLUME 492190.801 3761535.776 686.060
LOCATION VOL165 VOLUME 492326.067 3761519.544 681.320
LOCATION VOL166 VOLUME 493400.980 3761806.308 709.360
LOCATION VOL167 VOLUME 493514.603 3761800.897 707.000
LOCATION VOL168 VOLUME 491218.691 3762466.405 662.900
LOCATION VOL169 VOLUME 491225.905 3762334.747 670.510
LOCATION VOL170 VOLUME 491247.547 3762210.302 671.300
LOCATION VOL171 VOLUME 491083.425 3762369.014 660.610
LOCATION VOL172 VOLUME 491112.282 3762230.141 666.880
LOCATION VOL173 VOLUME 490867.000 3762534.940 630.790
LOCATION VOL174 VOLUME 490726.323 3762533.137 641.040
LOCATION VOL175 VOLUME 490347.579 3762574.618 669.180
LOCATION VOL176 VOLUME 490208.706 3762567.404 658.980
LOCATION VOL177 VOLUME 490073.440 3762509.691 648.630
LOCATION VOL178 VOLUME 489936.370 3762468.209 645.490
LOCATION VOL179 VOLUME 490425.131 3762441.156 661.430
LOCATION VOL180 VOLUME 490289.865 3762439.352 676.600
LOCATION VOL181 VOLUME 490154.599 3762435.745 660.500

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   LOCATION VOL182       VOLUME     490024.744  3762374.425      646.610
   LOCATION VOL183       VOLUME     490349.382  3762309.497      666.260
   LOCATION VOL184       VOLUME     490214.116  3762304.086      672.620
   LOCATION VOL185       VOLUME     490082.458  3762298.676      667.950
   LOCATION VOL186       VOLUME     489977.852  3762239.159      678.170
   LOCATION VOL187       VOLUME     489923.746  3762147.178      674.000
   LOCATION VOL188       VOLUME     490055.404  3762116.518      674.400
   LOCATION VOL189       VOLUME     490116.725  3762165.213      679.770
   LOCATION VOL190       VOLUME     490226.741  3762168.821      662.600
   LOCATION VOL191       VOLUME     490149.189  3762037.162      660.120
   LOCATION VOL192       VOLUME     494140.445  3761657.568      711.010
   LOCATION VOL193       VOLUME     494263.511  3761644.837      714.410
   LOCATION VOL194       VOLUME     494344.140  3761139.843      717.560
   LOCATION VOL195       VOLUME     494437.500  3761008.290      705.860
   LOCATION VOL196       VOLUME     494571.175  3761052.848      712.520
   LOCATION VOL197       VOLUME     494431.135  3761139.843      722.350
   LOCATION VOL198       VOLUME     494429.013  3761224.716      720.230
   LOCATION VOL199       VOLUME     494569.054  3761184.402      716.620
** Source Parameters **
   SRCPARAM VOL4         0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL5         0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL6         0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL7         0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL8         0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL9         0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL10        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL11        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL12        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL16        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL17        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL18        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL19        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL20        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL21        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL22        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL23        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL24        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL25        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL26        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL30        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL31        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL35        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL36        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL37        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL46        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL47        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL48        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL49        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL50        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL51        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL52        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL53        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL54        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL55        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL56        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL57        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL58        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL59        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL60        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL61        0.0008630855     5.000    31.816     1.400
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   SRCPARAM VOL63        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL64        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL65        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL66        0.0008630855     5.000    31.816     1.400
   SRCPARAM VOL67        0.0008630855     5.000    31.816     1.400
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SRCPARAM VOL70        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL71        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL72        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL74        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL75        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL76        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL77        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL78        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL79        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL80        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL81        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL82        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL83        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL84        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL85        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL86        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL87        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL88        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL89        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL90        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL91        0.0008630855     5.000    31.816     1.400
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SRCPARAM VOL93        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL94        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL95        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL96        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL97        0.0008630855     5.000    31.816     1.400
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SRCPARAM VOL99        0.0008630855     5.000    31.816     1.400
SRCPARAM VOL100       0.0008630855     5.000    31.816     1.400
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SRCPARAM VOL106       0.0008630855     5.000    31.816     1.400
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SRCPARAM VOL108       0.0008630855     5.000    31.816     1.400
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SRCPARAM VOL126       0.0008630855     5.000    31.816     1.400
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SRCPARAM VOL132       0.0008630855     5.000    31.816     1.400
SRCPARAM VOL133       0.0008630855     5.000    31.816     1.400
SRCPARAM VOL134       0.0008630855     5.000    31.816     1.400
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SRCPARAM VOL135       0.0008630855     5.000    31.816     1.400
SRCPARAM VOL136       0.0008630855     5.000    31.816     1.400
SRCPARAM VOL137       0.0008630855     5.000    31.816     1.400
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SRCPARAM VOL196       0.0008630855     5.000    31.816     1.400
SRCPARAM VOL197       0.0008630855     5.000    31.816     1.400
SRCPARAM VOL198       0.0008630855     5.000    31.816     1.400
SRCPARAM VOL199       0.0008630855     5.000    31.816     1.400
URBANSRC ALL
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   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph3 Ops PM25.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH3 OPS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph3 Ops PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     419       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     419       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:07:44
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 178 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Accepts FLAGPOLE Receptor . Heights.
* The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 178 Source(s); 1 Source Group(s); and 116 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 178 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:

aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph3 Ops
PM25.err
**File for Summary of Results: 15218 Ph3 Ops
PM25.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL4	0	0.86309E-03	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES		NO						
VOL5	0	0.86309E-03	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES		NO						
VOL6	0	0.86309E-03	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES		NO						
VOL7	0	0.86309E-03	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES		NO						
VOL8	0	0.86309E-03	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES		NO						
VOL9	0	0.86309E-03	493145.9	3761467.1	686.4	5.00	31.82	1.40
YES		NO						
VOL10	0	0.86309E-03	493285.0	3761471.8	687.9	5.00	31.82	1.40
YES		NO						
VOL11	0	0.86309E-03	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES		NO						
VOL12	0	0.86309E-03	493510.0	3761002.1	674.8	5.00	31.82	1.40
YES		NO						
VOL16	0	0.86309E-03	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES		NO						
VOL17	0	0.86309E-03	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES		NO						
VOL18	0	0.86309E-03	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES		NO						
VOL19	0	0.86309E-03	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES		NO						
VOL20	0	0.86309E-03	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES		NO						
VOL21	0	0.86309E-03	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.86309E-03	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.86309E-03	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.86309E-03	493874.8	3761274.2	695.9	5.00	31.82	1.40
YES		NO						
VOL25	0	0.86309E-03	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						

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 VOL26           0   0.86309E-03  494137.7 3761246.0   721.6     5.00    31.82     1.40
 YES                   NO
 VOL30           0   0.86309E-03  493263.0 3761716.6   705.5     5.00    31.82     1.40
 YES                   NO
 VOL31           0   0.86309E-03  493268.3 3761811.5   710.9     5.00    31.82     1.40
 YES                   NO
 VOL35           0   0.86309E-03  493145.9 3761184.0   686.7     5.00    31.82     1.40
 YES                   NO
 VOL36           0   0.86309E-03  493287.4 3761193.4   698.1     5.00    31.82     1.40
 YES                   NO
 VOL37           0   0.86309E-03  493373.0 3761252.2   680.9     5.00    31.82     1.40
 YES                   NO
 VOL46           0   0.86309E-03  493128.3 3761058.6   681.0     5.00    31.82     1.40
 YES                   NO
 VOL47           0   0.86309E-03  493228.4 3761082.6   683.1     5.00    31.82     1.40
 YES                   NO
 VOL48           0   0.86309E-03  493354.1 3761167.3   672.4     5.00    31.82     1.40
 YES                   NO
 VOL49           0   0.86309E-03  493730.8 3761261.8   682.1     5.00    31.82     1.40
 YES                   NO
 VOL50           0   0.86309E-03  493622.3 3761120.3   685.5     5.00    31.82     1.40
 YES                   NO
 VOL51           0   0.86309E-03  493605.8 3761026.0   697.6     5.00    31.82     1.40
 YES                   NO
 VOL52           0   0.86309E-03  493754.4 3761122.7   701.4     5.00    31.82     1.40
 YES                   NO
 VOL53           0   0.86309E-03  493888.9 3761136.8   695.4     5.00    31.82     1.40
 YES                   NO
 VOL54           0   0.86309E-03  494028.0 3761118.0   705.9     5.00    31.82     1.40
 YES                   NO
 VOL55           0   0.86309E-03  494162.5 3761118.0   703.1     5.00    31.82     1.40
 YES                   NO
 VOL56           0   0.86309E-03  494212.0 3761120.3   695.8     5.00    31.82     1.40
 YES                   NO
 VOL57           0   0.86309E-03  493747.3 3760981.2   688.8     5.00    31.82     1.40
 YES                   NO
 VOL58           0   0.86309E-03  493888.9 3760995.3   684.8     5.00    31.82     1.40
 YES                   NO
 VOL59           0   0.86309E-03  493884.1 3760901.0   683.2     5.00    31.82     1.40
 YES                   NO
 VOL60           0   0.86309E-03  494032.8 3760981.2   693.3     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:07:44

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - -

 VOL61           0   0.86309E-03  494025.7 3760901.0   694.7     5.00    31.82     1.40
 YES                   NO
 VOL62           0   0.86309E-03  494174.3 3760981.2   692.9     5.00    31.82     1.40
 YES                   NO
```

VOL63	0	0.86309E-03	494301.7	3760992.9	697.0	5.00	31.82	1.40
YES		NO						
VOL64	0	0.86309E-03	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.86309E-03	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.86309E-03	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.86309E-03	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.86309E-03	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.86309E-03	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.86309E-03	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.86309E-03	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.86309E-03	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL74	0	0.86309E-03	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.86309E-03	491917.1	3762126.5	686.3	5.00	31.82	1.40
YES		NO						
VOL76	0	0.86309E-03	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES		NO						
VOL77	0	0.86309E-03	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES		NO						
VOL78	0	0.86309E-03	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES		NO						
VOL79	0	0.86309E-03	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES		NO						
VOL80	0	0.86309E-03	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES		NO						
VOL81	0	0.86309E-03	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES		NO						
VOL82	0	0.86309E-03	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES		NO						
VOL83	0	0.86309E-03	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES		NO						
VOL84	0	0.86309E-03	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES		NO						
VOL85	0	0.86309E-03	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES		NO						
VOL86	0	0.86309E-03	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES		NO						
VOL87	0	0.86309E-03	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES		NO						
VOL88	0	0.86309E-03	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES		NO						
VOL89	0	0.86309E-03	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES		NO						
VOL90	0	0.86309E-03	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES		NO						
VOL91	0	0.86309E-03	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES		NO						
VOL92	0	0.86309E-03	493009.6	3761326.3	677.2	5.00	31.82	1.40
YES		NO						
VOL93	0	0.86309E-03	493007.3	3761184.8	680.7	5.00	31.82	1.40
YES		NO						
VOL94	0	0.86309E-03	492989.8	3761059.4	667.2	5.00	31.82	1.40
YES		NO						
VOL95	0	0.86309E-03	493007.3	3761467.9	685.7	5.00	31.82	1.40
YES		NO						
VOL96	0	0.86309E-03	492870.9	3761328.5	683.9	5.00	31.82	1.40
YES		NO						

VOL97 0 0.86309E-03 492868.6 3761187.0 685.6 5.00 31.82 1.40
YES NO
VOL98 0 0.86309E-03 492851.0 3761061.6 685.9 5.00 31.82 1.40
YES NO
VOL99 0 0.86309E-03 492868.6 3761470.1 684.7 5.00 31.82 1.40
YES NO
VOL100 0 0.86309E-03 492734.4 3761330.7 695.1 5.00 31.82 1.40
YES NO
VOL101 0 0.86309E-03 492732.0 3761189.2 696.1 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL102	0	0.86309E-03	492714.5	3761063.8	701.2	5.00	31.82	1.40
YES		NO						
VOL103	0	0.86309E-03	492732.0	3761472.3	683.0	5.00	31.82	1.40
YES		NO						
VOL104	0	0.86309E-03	492600.0	3761332.9	685.1	5.00	31.82	1.40
YES		NO						
VOL105	0	0.86309E-03	492597.7	3761191.4	696.6	5.00	31.82	1.40
YES		NO						
VOL106	0	0.86309E-03	492580.2	3761066.0	698.9	5.00	31.82	1.40
YES		NO						
VOL107	0	0.86309E-03	492597.7	3761474.5	684.3	5.00	31.82	1.40
YES		NO						
VOL108	0	0.86309E-03	492460.2	3761324.7	683.3	5.00	31.82	1.40
YES		NO						
VOL109	0	0.86309E-03	492457.9	3761183.2	697.4	5.00	31.82	1.40
YES		NO						
VOL110	0	0.86309E-03	492440.3	3761057.8	691.8	5.00	31.82	1.40
YES		NO						
VOL111	0	0.86309E-03	492457.9	3761466.3	683.8	5.00	31.82	1.40
YES		NO						
VOL112	0	0.86309E-03	492547.6	3761006.4	698.0	5.00	31.82	1.40
YES		NO						
VOL113	0	0.86309E-03	492686.4	3761006.4	700.8	5.00	31.82	1.40
YES		NO						
VOL114	0	0.86309E-03	492827.3	3761010.8	686.2	5.00	31.82	1.40
YES		NO						
VOL115	0	0.86309E-03	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES		NO						
VOL116	0	0.86309E-03	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES		NO						
VOL117	0	0.86309E-03	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES		NO						
VOL118	0	0.86309E-03	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						
VOL119	0	0.86309E-03	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						

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 VOL120          0   0.86309E-03  491794.5 3762136.1   681.8     5.00    31.82     1.40
 YES                   NO
 VOL121          0   0.86309E-03  491651.4 3762015.0   680.9     5.00    31.82     1.40
 YES                   NO
 VOL122          0   0.86309E-03  491655.8 3762138.3   683.8     5.00    31.82     1.40
 YES                   NO
 VOL123          0   0.86309E-03  491459.8 3761713.3   683.6     5.00    31.82     1.40
 YES                   NO
 VOL124          0   0.86309E-03  491398.1 3761664.8   677.3     5.00    31.82     1.40
 YES                   NO
 VOL125          0   0.86309E-03  491380.5 3761770.5   674.8     5.00    31.82     1.40
 YES                   NO
 VOL126          0   0.86309E-03  491523.6 3761852.0   657.2     5.00    31.82     1.40
 YES                   NO
 VOL127          0   0.86309E-03  491448.8 3761907.0   668.8     5.00    31.82     1.40
 YES                   NO
 VOL128          0   0.86309E-03  492778.9 3761534.9   683.6     5.00    31.82     1.40
 YES                   NO
 VOL129          0   0.86309E-03  492911.0 3761534.9   684.0     5.00    31.82     1.40
 YES                   NO
 VOL130          0   0.86309E-03  493065.2 3761816.8   708.6     5.00    31.82     1.40
 YES                   NO
 VOL131          0   0.86309E-03  493058.6 3761717.7   705.2     5.00    31.82     1.40
 YES                   NO
 VOL132          0   0.86309E-03  492988.1 3761807.9   705.3     5.00    31.82     1.40
 YES                   NO
 VOL133          0   0.86309E-03  492981.5 3761735.3   701.8     5.00    31.82     1.40
 YES                   NO
 VOL134          0   0.86309E-03  491550.1 3761986.3   682.6     5.00    31.82     1.40
 YES                   NO
 VOL135          0   0.86309E-03  491409.1 3761992.9   680.1     5.00    31.82     1.40
 YES                   NO
 VOL136          0   0.86309E-03  491457.6 3762125.1   662.7     5.00    31.82     1.40
 YES                   NO
 VOL137          0   0.86309E-03  491567.7 3762125.1   679.3     5.00    31.82     1.40
 YES                   NO
 VOL138          0   0.86309E-03  491561.1 3762266.0   677.3     5.00    31.82     1.40
 YES                   NO
 VOL139          0   0.86309E-03  491662.4 3762387.1   669.0     5.00    31.82     1.40
 YES                   NO
 VOL140          0   0.86309E-03  492329.6 3762378.3   688.0     5.00    31.82     1.40
 YES                   NO
 VOL141          0   0.86309E-03  492195.3 3762409.1   670.2     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       11:07:44

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL142          0   0.86309E-03  492058.8 3762453.2   684.2     5.00    31.82     1.40
 YES                   NO
```

VOL143	0	0.86309E-03	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.86309E-03	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.86309E-03	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.86309E-03	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.86309E-03	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.86309E-03	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.86309E-03	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						
VOL150	0	0.86309E-03	492325.0	3761335.6	691.0	5.00	31.82	1.40
YES		NO						
VOL151	0	0.86309E-03	492322.6	3761477.1	685.4	5.00	31.82	1.40
YES		NO						
VOL152	0	0.86309E-03	492305.1	3761068.7	680.8	5.00	31.82	1.40
YES		NO						
VOL153	0	0.86309E-03	492322.6	3761194.1	682.6	5.00	31.82	1.40
YES		NO						
VOL154	0	0.86309E-03	492191.5	3761335.6	683.7	5.00	31.82	1.40
YES		NO						
VOL155	0	0.86309E-03	492189.2	3761477.1	693.8	5.00	31.82	1.40
YES		NO						
VOL156	0	0.86309E-03	492238.4	3761059.6	676.0	5.00	31.82	1.40
YES		NO						
VOL157	0	0.86309E-03	492189.2	3761194.1	677.8	5.00	31.82	1.40
YES		NO						
VOL158	0	0.86309E-03	492419.9	3760998.3	689.8	5.00	31.82	1.40
YES		NO						
VOL159	0	0.86309E-03	492111.4	3761281.5	683.5	5.00	31.82	1.40
YES		NO						
VOL160	0	0.86309E-03	492055.5	3761413.1	669.3	5.00	31.82	1.40
YES		NO						
VOL161	0	0.86309E-03	492057.3	3761515.9	682.8	5.00	31.82	1.40
YES		NO						
VOL162	0	0.86309E-03	492008.6	3761494.3	684.2	5.00	31.82	1.40
YES		NO						
VOL163	0	0.86309E-03	492014.1	3761416.7	668.3	5.00	31.82	1.40
YES		NO						
VOL164	0	0.86309E-03	492190.8	3761535.8	686.1	5.00	31.82	1.40
YES		NO						
VOL165	0	0.86309E-03	492326.1	3761519.5	681.3	5.00	31.82	1.40
YES		NO						
VOL166	0	0.86309E-03	493401.0	3761806.3	709.4	5.00	31.82	1.40
YES		NO						
VOL167	0	0.86309E-03	493514.6	3761800.9	707.0	5.00	31.82	1.40
YES		NO						
VOL168	0	0.86309E-03	491218.7	3762466.4	662.9	5.00	31.82	1.40
YES		NO						
VOL169	0	0.86309E-03	491225.9	3762334.7	670.5	5.00	31.82	1.40
YES		NO						
VOL170	0	0.86309E-03	491247.5	3762210.3	671.3	5.00	31.82	1.40
YES		NO						
VOL171	0	0.86309E-03	491083.4	3762369.0	660.6	5.00	31.82	1.40
YES		NO						
VOL172	0	0.86309E-03	491112.3	3762230.1	666.9	5.00	31.82	1.40
YES		NO						
VOL173	0	0.86309E-03	490867.0	3762534.9	630.8	5.00	31.82	1.40
YES		NO						
VOL174	0	0.86309E-03	490726.3	3762533.1	641.0	5.00	31.82	1.40
YES		NO						
VOL175	0	0.86309E-03	490347.6	3762574.6	669.2	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL176	0	0.86309E-03	490208.7	3762567.4	659.0	5.00	31.82	1.40	YES
VOL177	0	0.86309E-03	490073.4	3762509.7	648.6	5.00	31.82	1.40	YES
VOL178	0	0.86309E-03	489936.4	3762468.2	645.5	5.00	31.82	1.40	YES
VOL179	0	0.86309E-03	490425.1	3762441.2	661.4	5.00	31.82	1.40	YES
VOL180	0	0.86309E-03	490289.9	3762439.4	676.6	5.00	31.82	1.40	YES
VOL181	0	0.86309E-03	490154.6	3762435.7	660.5	5.00	31.82	1.40	YES
VOL182	0	0.86309E-03	490024.7	3762374.4	646.6	5.00	31.82	1.40	YES
VOL183	0	0.86309E-03	490349.4	3762309.5	666.3	5.00	31.82	1.40	YES
VOL184	0	0.86309E-03	490214.1	3762304.1	672.6	5.00	31.82	1.40	YES
VOL185	0	0.86309E-03	490082.5	3762298.7	667.9	5.00	31.82	1.40	YES
VOL186	0	0.86309E-03	489977.9	3762239.2	678.2	5.00	31.82	1.40	YES
VOL187	0	0.86309E-03	489923.7	3762147.2	674.0	5.00	31.82	1.40	YES
VOL188	0	0.86309E-03	490055.4	3762116.5	674.4	5.00	31.82	1.40	YES
VOL189	0	0.86309E-03	490116.7	3762165.2	679.8	5.00	31.82	1.40	YES
VOL190	0	0.86309E-03	490226.7	3762168.8	662.6	5.00	31.82	1.40	YES
VOL191	0	0.86309E-03	490149.2	3762037.2	660.1	5.00	31.82	1.40	YES
VOL192	0	0.86309E-03	494140.4	3761657.6	711.0	5.00	31.82	1.40	YES
VOL193	0	0.86309E-03	494263.5	3761644.8	714.4	5.00	31.82	1.40	YES
VOL194	0	0.86309E-03	494344.1	3761139.8	717.6	5.00	31.82	1.40	YES
VOL195	0	0.86309E-03	494437.5	3761008.3	705.9	5.00	31.82	1.40	YES
VOL196	0	0.86309E-03	494571.2	3761052.8	712.5	5.00	31.82	1.40	YES
VOL197	0	0.86309E-03	494431.1	3761139.8	722.3	5.00	31.82	1.40	YES
VOL198	0	0.86309E-03	494429.0	3761224.7	720.2	5.00	31.82	1.40	YES

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
	VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,
	VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 , VOL124 , VOL125 ,
	VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 , VOL132 , VOL133 ,
	VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 , VOL140 , VOL141 ,
	VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 , VOL148 , VOL149 ,
	VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,

VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 , VOL189 ,
	VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 , VOL197 ,
	VOL198 , VOL199 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
		VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
(493614.4, 3762035.0, 716.3, 716.3, 2.0); (493613.1, 3762043.7, 716.4, 716.4, 2.0);
(493613.7, 3762052.1, 716.5, 716.5, 2.0); (493613.8, 3762061.6, 716.7, 716.7, 2.0);
(493614.2, 3762071.5, 716.9, 716.9, 2.0); (493696.5, 3761742.5, 707.6, 725.0, 2.0);
(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
(493755.6, 3761733.7, 712.8, 725.0, 2.0); (493750.5, 3761720.6, 712.0, 725.0, 2.0);
(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9, 711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1, 723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3, 726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6, 731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2, 735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8, 735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1, 718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2, 730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6, 721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3, 723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6, 731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6, 729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7, 586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,

567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6, 559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8, 560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9, 541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4, 552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2, 548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9, 548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9, 566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8, 588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6, 591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3, 608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4, 609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5, 624.8, 693.0, 2.0);
(492828.1, 3762200.5, 694.0, 694.0, 2.0); (492961.5, 3762258.5, 697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2, 706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4, 710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0, 704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5,

723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);
(492955.2, 3762130.1, 698.9, 718.0, 2.0); (492955.2, 3761996.3, 699.1, 708.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24

*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	0.40012m	(14111524)	493409.97	3761986.39	0.42064m	(14111524)
493417.46	3761972.99	0.43309m	(14111524)	493468.31	3761958.40	0.42595m	(14111524)
493499.84	3761947.37	0.42425m	(14111524)	493614.36	3761892.81	0.40978m	(14111524)
493613.66	3761905.05	0.39856m	(14111524)	493614.36	3761917.12	0.38743m	(14111524)
493614.36	3761927.44	0.38090	(14013024)	493613.31	3761940.20	0.37494	(14013024)
493616.46	3761952.10	0.36408	(14013024)	493615.23	3761961.71	0.35678	(14013024)
493614.53	3761973.78	0.34782	(14013024)	493614.01	3761984.98	0.34012	(14013024)
493613.66	3761996.52	0.33321	(14013024)	493614.18	3762007.36	0.32714	(14013024)
493615.76	3762018.56	0.32111	(14013024)	493614.71	3762025.73	0.31877	(12110124)
493614.36	3762035.00	0.31632	(12110124)	493613.13	3762043.74	0.31426	(12110124)
493613.66	3762052.14	0.31202	(12110124)	493613.83	3762061.58	0.30967	(12110124)
493614.18	3762071.55	0.30723	(12110124)	493696.46	3761742.53	0.41296m	(14111524)
493707.35	3761768.92	0.39938m	(14111524)	493727.98	3761742.80	0.40464m	(14111524)
493755.61	3761733.69	0.40276m	(14111524)	493750.48	3761720.58	0.40614m	(14111524)
493745.92	3761709.48	0.41011m	(14111524)	493741.37	3761696.95	0.41539m	(14111524)
493738.52	3761681.00	0.42113m	(14111524)	493737.38	3761663.91	0.42646m	(14111524)
493736.52	3761651.38	0.43052m	(14111524)	494418.08	3761416.13	0.56407m	(14111524)
494473.73	3761368.11	0.54479m	(14111524)	494939.85	3761394.35	0.30964	(13070724)
494686.37	3761403.42	0.35639	(13030624)	494575.98	3761568.60	0.31097	(13070724)
494541.49	3761602.79	0.32211	(13070724)	494822.53	3761435.24	0.29672	(13030624)
494846.18	3761504.63	0.27655	(13070724)	494841.06			

3761535.78	0.27080	(13070724)			
494837.90	3761553.12	0.26757	(13070724)		494885.61
3761199.09	0.37632	(13070724)			
494976.68	3761325.65	0.32840	(13070724)		494985.35
3761366.25	0.31009	(13070724)			
495070.90	3761299.23	0.29740	(13070724)		495115.47
3760632.60	0.29569	(12073124)			
495069.03	3760685.30	0.31779	(12073124)		495087.55
3760728.31	0.33170	(12073124)			
495079.90	3760834.52	0.34995	(12073124)		495202.38
3760883.65	0.33507	(12073124)			
495237.63	3760939.31	0.32473c	(12080524)		495298.45
3761048.56	0.32087c	(13090124)			
490844.43	3759375.83	0.05634	(15011124)		490895.79
3759357.70	0.05657	(15011124)			
490596.67	3759246.67	0.05078	(15011124)		489103.59
3759859.22	0.04135	(15122224)			
488940.48	3759893.26	0.03958	(15122224)		488472.34
3759865.64	0.03452	(15122224)			
488432.53	3759884.27	0.03428	(15122224)		488713.15
3759827.76	0.03656	(15122224)			
487562.29	3760285.62	0.02841	(15122224)		487809.35
3760420.86	0.03093	(15122224)			
487553.10	3761208.24	0.03169	(12122024)		487899.76
3760972.40	0.03389	(15122224)			
487983.18	3762301.23	0.03940	(15011124)		487913.66
3762403.25	0.03797	(15011124)			
487890.59	3762238.09	0.03794	(15011124)		488190.14
3762513.88	0.04238	(15011124)			
488424.39	3762586.51	0.04685	(15011124)		488657.54
3762495.87	0.05455	(15011124)			
488908.17	3762583.23	0.06306	(15011124)		489170.26
3762660.77	0.07676	(15011124)			
489382.17	3762809.64	0.08706	(15011124)		489294.91
3762783.65	0.08153	(15011124)			
489889.72	3762661.22	0.22136	(15011124)		490022.93
3762783.29	0.18198	(15011124)			
490423.96	3762839.25	0.18424	(15011124)		490375.94
3762870.37	0.17520	(15011124)			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- - - -

491453.08	3762845.48	0.24252m	(14111524)	491132.33
3762903.51	0.19354m	(14111524)		
492828.06	3762200.49	0.60967m	(14111524)	492961.55
3762258.51	0.42831	(14013024)		
493033.99	3762272.60	0.40955	(13070724)	493032.31
3762205.18	0.45072	(13070724)		
493087.32	3762215.25	0.41431	(13070724)	493079.94
3762296.41	0.37728	(14013024)		
493163.79	3762367.18	0.29354m	(14111524)	493068.87
3762510.05	0.28972	(14013024)		
493101.07	3762454.71	0.30604	(14013024)	493281.84
3762369.19	0.29346	(14013024)		
493351.51	3762095.42	0.35487m	(14111524)	493439.48
3762105.84	0.32914	(12110124)		
493972.90	3763044.23	0.12637	(12021924)	493957.03
3763184.09	0.11524	(12021924)		
493583.55	3763480.45	0.09141	(12021924)	493258.47
3763568.15	0.09057	(15011124)		
492895.78	3763485.72	0.10989m	(14111524)	493781.01
3761659.05	0.41362m	(14111524)		
493797.63	3761658.35	0.40892m	(14111524)	493831.94
3761631.47	0.40849m	(14111524)		
493900.20	3761664.01	0.40009m	(14111524)	493918.59
3761666.13	0.40400m	(14111524)		
493929.55	3761662.24	0.41034m	(14111524)	493945.82
3761667.90	0.40682m	(14111524)		
493758.37	3761524.30	0.43297m	(14111524)	493961.03
3761672.85	0.40648m	(14111524)		
493975.18	3761679.57	0.41159m	(14111524)	493987.55
3761687.70	0.41154m	(14111524)		
493998.87	3761697.25	0.41186m	(14111524)	494007.71
3761707.51	0.40626m	(14111524)		
494016.91	3761718.12	0.39497m	(14111524)	494024.69
3761730.85	0.39399m	(14111524)		
492955.24	3762130.13	0.47421m	(14111524)	492955.24
3761996.30	0.53751m	(14111524)		

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.60967m	ON 14111524: AT (492828.06, 3762200.49, 694.04, 694.04, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 419 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 419 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Ops CO\15218
Ph4 Ops CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Ops CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
LOCATION VOL51	VOLUME	493605.815	3760986.953	697.590
LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
LOCATION VOL62	VOLUME	494174.278	3760981.156	692.870
LOCATION VOL63	VOLUME	494301.652	3760992.949	697.050
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492460.221	3761324.738	683.350
LOCATION VOL109	VOLUME	492457.862	3761183.212	697.370
LOCATION VOL110	VOLUME	492440.336	3761057.824	691.830
LOCATION VOL111	VOLUME	492457.862	3761466.264	683.770
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090

LOCATION VOL116 VOLUME 494005.497 3761391.736 716.150
LOCATION VOL117 VOLUME 494278.568 3761268.413 705.410
LOCATION VOL118 VOLUME 494351.241 3761308.052 709.780
LOCATION VOL119 VOLUME 491794.496 3762014.956 683.700
LOCATION VOL120 VOLUME 491794.496 3762136.076 681.790
LOCATION VOL121 VOLUME 491651.353 3762014.956 680.920
LOCATION VOL122 VOLUME 491655.758 3762138.279 683.820
LOCATION VOL123 VOLUME 491459.763 3761713.256 683.590
LOCATION VOL124 VOLUME 491398.101 3761664.807 677.350
LOCATION VOL125 VOLUME 491380.484 3761770.513 674.750
LOCATION VOL126 VOLUME 491523.626 3761851.994 657.220
LOCATION VOL127 VOLUME 491448.752 3761907.048 668.820
LOCATION VOL128 VOLUME 492778.876 3761534.878 683.590
LOCATION VOL129 VOLUME 492911.007 3761534.878 684.000
LOCATION VOL130 VOLUME 493065.161 3761816.759 708.650
LOCATION VOL131 VOLUME 493058.554 3761717.660 705.190
LOCATION VOL132 VOLUME 492988.084 3761807.950 705.320
LOCATION VOL133 VOLUME 492981.477 3761735.277 701.790
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LOCATION VOL135 VOLUME 491409.112 3761992.934 680.060
LOCATION VOL136 VOLUME 491457.560 3762125.065 662.660
LOCATION VOL137 VOLUME 491567.670 3762125.065 679.290
LOCATION VOL138 VOLUME 491561.063 3762266.006 677.300
LOCATION VOL139 VOLUME 491662.364 3762387.126 668.980
LOCATION VOL140 VOLUME 492329.628 3762378.318 687.970
LOCATION VOL141 VOLUME 492195.295 3762409.148 670.190
LOCATION VOL142 VOLUME 492058.759 3762453.192 684.210
LOCATION VOL143 VOLUME 492135.836 3762514.853 686.220
LOCATION VOL144 VOLUME 491926.627 3762475.214 684.170
LOCATION VOL145 VOLUME 491781.283 3762517.056 682.340
LOCATION VOL146 VOLUME 491926.627 3762517.056 687.810
LOCATION VOL147 VOLUME 492038.939 3762517.056 687.890
LOCATION VOL148 VOLUME 494205.896 3761460.003 714.000
LOCATION VOL149 VOLUME 491610.647 3762444.907 676.340
LOCATION VOL150 VOLUME 492325.004 3761335.580 691.050
LOCATION VOL151 VOLUME 492322.645 3761477.106 685.370
LOCATION VOL152 VOLUME 492305.119 3761068.666 680.790
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LOCATION VOL155 VOLUME 492189.183 3761477.106 693.830
LOCATION VOL156 VOLUME 492238.388 3761059.648 675.990
LOCATION VOL157 VOLUME 492189.183 3761194.054 677.760
LOCATION VOL158 VOLUME 492419.852 3760998.320 689.790
LOCATION VOL159 VOLUME 492111.445 3761281.477 683.550
LOCATION VOL160 VOLUME 492055.536 3761413.135 669.310
LOCATION VOL161 VOLUME 492057.339 3761515.937 682.850
LOCATION VOL162 VOLUME 492008.643 3761494.295 684.200
LOCATION VOL163 VOLUME 492014.054 3761416.742 668.320
LOCATION VOL164 VOLUME 492190.801 3761535.776 686.060
LOCATION VOL165 VOLUME 492326.067 3761519.544 681.320
LOCATION VOL166 VOLUME 493400.980 3761806.308 709.360
LOCATION VOL167 VOLUME 493514.603 3761800.897 707.000
LOCATION VOL168 VOLUME 491218.691 3762466.405 662.900
LOCATION VOL169 VOLUME 491225.905 3762334.747 670.510
LOCATION VOL170 VOLUME 491247.547 3762210.302 671.300
LOCATION VOL171 VOLUME 491083.425 3762369.014 660.610
LOCATION VOL172 VOLUME 491112.282 3762230.141 666.880
LOCATION VOL173 VOLUME 490867.000 3762534.940 630.790
LOCATION VOL174 VOLUME 490726.323 3762533.137 641.040
LOCATION VOL175 VOLUME 490347.579 3762574.618 669.180
LOCATION VOL176 VOLUME 490208.706 3762567.404 658.980
LOCATION VOL177 VOLUME 490073.440 3762509.691 648.630
LOCATION VOL178 VOLUME 489936.370 3762468.209 645.490
LOCATION VOL179 VOLUME 490425.131 3762441.156 661.430
LOCATION VOL180 VOLUME 490289.865 3762439.352 676.600
LOCATION VOL181 VOLUME 490154.599 3762435.745 660.500

LOCATION VOL182	VOLUME	490024.744	3762374.425	646.610
LOCATION VOL183	VOLUME	490349.382	3762309.497	666.260
LOCATION VOL184	VOLUME	490214.116	3762304.086	672.620
LOCATION VOL185	VOLUME	490082.458	3762298.676	667.950
LOCATION VOL186	VOLUME	489977.852	3762239.159	678.170
LOCATION VOL187	VOLUME	489923.746	3762147.178	674.000
LOCATION VOL188	VOLUME	490055.404	3762116.518	674.400
LOCATION VOL189	VOLUME	490116.725	3762165.213	679.770
LOCATION VOL190	VOLUME	490226.741	3762168.821	662.600
LOCATION VOL191	VOLUME	490149.189	3762037.162	660.120
LOCATION VOL192	VOLUME	494140.445	3761657.568	711.010
LOCATION VOL193	VOLUME	494263.511	3761644.837	714.410
LOCATION VOL194	VOLUME	494344.140	3761139.843	717.560
LOCATION VOL195	VOLUME	494437.500	3761008.290	705.860
LOCATION VOL196	VOLUME	494571.175	3761052.848	712.520
LOCATION VOL197	VOLUME	494431.135	3761139.843	722.350
LOCATION VOL198	VOLUME	494429.013	3761224.716	720.230
LOCATION VOL199	VOLUME	494569.054	3761184.402	716.620
LOCATION VOL200	VOLUME	491355.887	3762468.787	684.880
LOCATION VOL201	VOLUME	491355.887	3762339.277	684.970
LOCATION VOL202	VOLUME	491477.042	3762439.543	673.550
LOCATION VOL203	VOLUME	492654.581	3762000.681	693.450
LOCATION VOL204	VOLUME	492788.961	3762024.013	698.200
LOCATION VOL205	VOLUME	492859.878	3762014.804	699.360
LOCATION VOL206	VOLUME	492855.700	3761893.650	694.660
LOCATION VOL207	VOLUME	492848.737	3761752.998	689.630
LOCATION VOL208	VOLUME	492716.442	3761750.213	694.870
LOCATION VOL209	VOLUME	492767.968	3761883.901	694.850
LOCATION VOL210	VOLUME	493508.520	3761601.057	708.890
LOCATION VOL211	VOLUME	493505.243	3761466.712	686.780
LOCATION VOL212	VOLUME	493510.158	3761332.366	683.200
LOCATION VOL213	VOLUME	493492.136	3761227.511	682.770
LOCATION VOL214	VOLUME	493596.992	3761463.435	690.200
LOCATION VOL215	VOLUME	493616.652	3761335.643	681.830
LOCATION VOL216	VOLUME	490886.004	3761758.345	670.160
LOCATION VOL217	VOLUME	490872.512	3761650.404	671.550
LOCATION VOL218	VOLUME	490756.861	3761794.967	659.470
LOCATION VOL219	VOLUME	490743.368	3761679.316	673.110
LOCATION VOL220	VOLUME	490700.963	3761902.908	656.200
LOCATION VOL221	VOLUME	490564.109	3761870.140	665.170
LOCATION VOL222	VOLUME	490431.111	3761864.358	673.640
LOCATION VOL223	VOLUME	490332.807	3761829.663	675.220
LOCATION VOL224	VOLUME	490307.750	3761733.287	676.110
LOCATION VOL225	VOLUME	490448.458	3761725.577	677.050
LOCATION VOL226	VOLUME	490577.602	3761733.287	674.440
LOCATION VOL227	VOLUME	490668.195	3761773.765	666.760
LOCATION VOL228	VOLUME	490074.520	3761694.737	668.000
LOCATION VOL229	VOLUME	490084.158	3761548.245	673.320
LOCATION VOL230	VOLUME	489947.304	3761532.825	673.830
LOCATION VOL231	VOLUME	489812.378	3761476.927	667.930
LOCATION VOL232	VOLUME	489739.133	3761488.493	668.490
LOCATION VOL233	VOLUME	490205.591	3761627.274	670.850
LOCATION VOL235	VOLUME	490014.767	3761714.012	660.790
LOCATION VOL236	VOLUME	489798.886	3762429.120	665.900
LOCATION VOL237	VOLUME	489681.307	3762438.757	667.250
LOCATION VOL238	VOLUME	489671.670	3762305.759	664.760
LOCATION VOL239	VOLUME	489808.523	3762305.759	670.400
LOCATION VOL240	VOLUME	489904.899	3762334.672	671.710
LOCATION VOL241	VOLUME	489845.146	3762168.905	672.310
LOCATION VOL242	VOLUME	489708.293	3762170.833	682.200
LOCATION VOL243	VOLUME	489669.742	3762165.050	678.840
LOCATION VOL244	VOLUME	489662.032	3762032.052	681.240
LOCATION VOL245	VOLUME	489802.741	3762032.052	676.690
LOCATION VOL246	VOLUME	489941.522	3762008.922	669.320
LOCATION VOL247	VOLUME	490035.970	3761981.936	670.380
LOCATION VOL248	VOLUME	490008.985	3761843.155	663.360

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   LOCATION VOL249       VOLUME     489899.117  3761875.923      660.110
   LOCATION VOL250       VOLUME     489808.523  3761895.198      671.540
   LOCATION VOL251       VOLUME     489669.742  3761889.416      668.590
   LOCATION VOL252       VOLUME     489866.349  3761787.257      661.160
   LOCATION VOL253       VOLUME     489725.640  3761785.330      669.010
   LOCATION VOL254       VOLUME     490479.496  3762532.770      635.790
   LOCATION VOL255       VOLUME     490599.400  3762518.755      626.760
   LOCATION VOL256       VOLUME     490971.567  3762447.124      635.520
   LOCATION VOL257       VOLUME     491089.913  3762468.925      662.980
   LOCATION VOL258       VOLUME     491006.037  3761570.166      677.530
   LOCATION VOL259       VOLUME     491143.071  3761571.723      657.760
   LOCATION VOL260       VOLUME     491278.548  3761567.051      669.700
   LOCATION VOL261       VOLUME     493581.656  3761666.712      707.100
   LOCATION VOL262       VOLUME     493594.114  3761563.937      684.000
   LOCATION VOL263       VOLUME     494462.944  3760869.024      700.270
   LOCATION VOL264       VOLUME     493760.083  3760912.348      681.880
   LOCATION VOL265       VOLUME     492959.041  3761011.044      668.810
   LOCATION VOL266       VOLUME     491541.701  3762540.269      681.650
   LOCATION VOL267       VOLUME     492117.145  3761843.767      682.340
** Source Parameters **
   SRCPARAM VOL4         0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL5         0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL6         0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL7         0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL8         0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL9         0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL10        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL11        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL12        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL16        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL17        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL18        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL19        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL20        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL21        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL22        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL23        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL24        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL25        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL26        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL30        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL31        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL35        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL36        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL37        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL46        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL47        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL48        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL49        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL50        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL51        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL52        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL53        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL54        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL55        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL56        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL57        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL58        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL59        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL60        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL61        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL62        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL63        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL64        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL65        0.0273226404     5.000    31.816     1.400
   SRCPARAM VOL66        0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL67        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL68        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL69        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL70        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL71        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL72        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL74        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL75        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL76        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL77        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL78        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL79        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL80        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL81        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL82        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL83        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL84        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL85        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL86        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL87        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL88        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL89        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL90        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL91        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL92        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL93        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL94        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL95        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL96        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL97        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL98        0.0273226404     5.000    31.816     1.400
SRCPARAM VOL99        0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL103       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL104       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL105       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL106       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL107       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL108       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL110       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL112       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL114       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL115       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL116       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL117       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL118       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL119       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL120       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL121       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL125       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL126       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL127       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL128       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL129       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL130       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL131       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL132       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL133       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL137       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL138       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL143       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL159       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL160       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL161       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL162       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL163       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL164       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL165       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL166       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL167       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL168       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL169       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL170       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL171       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL172       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL173       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL174       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL175       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL177       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL178       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL179       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL180       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL181       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL182       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL183       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL184       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL185       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL186       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL187       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL188       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL189       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL190       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL191       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL192       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL193       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL194       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL195       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL196       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL197       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL198       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL199       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL200       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL201       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL202       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL203       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL204       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL205       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL206       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL207       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL208       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL209       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL210       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL211       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL212       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL213       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL214       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL215       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL216       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL217       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL218       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL219       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL220       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL221       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL222       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL223       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL224       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL225       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL226       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL227       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL228       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL229       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL230       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL231       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL232       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL233       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL235       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL236       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL237       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL238       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL239       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL240       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL241       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL242       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL243       0.0273226404     5.000    31.816     1.400
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SRCPARAM VOL245       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL246       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL247       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL248       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL249       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL250       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL251       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL252       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL253       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL254       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL255       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL256       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL257       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL258       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL259       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL260       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL261       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL262       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL263       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL264       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL265       0.0273226404     5.000    31.816     1.400
SRCPARAM VOL266       0.0273226404     5.000    31.816     1.400
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   SRCPARAM VOL267       0.0273226404     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Ops CO.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH4 OPS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH4 OPS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph4 Ops CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     553       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     553       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph4 Ops
CO.err
**File for Summary of Results: 15218 Ph4 Ops
CO.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL4	0	0.27323E-01	492797.1	3762283.9	695.0	5.00	31.82	1.40	NO
VOL5	0	0.27323E-01	493197.6	3761815.0	710.4	5.00	31.82	1.40	NO
VOL6	0	0.27323E-01	492524.0	3762265.1	688.3	5.00	31.82	1.40	NO
VOL7	0	0.27323E-01	492388.1	3762262.6	696.8	5.00	31.82	1.40	NO
VOL8	0	0.27323E-01	492254.8	3762271.8	683.2	5.00	31.82	1.40	NO
VOL9	0	0.27323E-01	493145.9	3761467.1	686.4	5.00	31.82	1.40	NO
VOL10	0	0.27323E-01	493285.0	3761471.8	687.9	5.00	31.82	1.40	NO
VOL11	0	0.27323E-01	493368.3	3761535.2	695.0	5.00	31.82	1.40	NO
VOL12	0	0.27323E-01	493510.0	3761002.1	674.8	5.00	31.82	1.40	NO
VOL16	0	0.27323E-01	492659.4	3762267.1	695.9	5.00	31.82	1.40	NO
VOL17	0	0.27323E-01	493185.4	3761712.2	707.4	5.00	31.82	1.40	NO
VOL18	0	0.27323E-01	491986.2	3762340.0	678.9	5.00	31.82	1.40	NO
VOL19	0	0.27323E-01	491843.1	3762383.8	670.7	5.00	31.82	1.40	NO
VOL20	0	0.27323E-01	492118.5	3762307.8	682.7	5.00	31.82	1.40	NO
VOL21	0	0.27323E-01	493148.2	3761325.5	685.0	5.00	31.82	1.40	NO
VOL22	0	0.27323E-01	493285.0	3761332.6	690.3	5.00	31.82	1.40	NO
VOL23	0	0.27323E-01	493368.3	3761393.7	681.0	5.00	31.82	1.40	NO

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 VOL24           0   0.27323E-01  493874.8 3761274.2   695.9     5.00    31.82     1.40
 YES                   NO
 VOL25           0   0.27323E-01  494008.7 3761247.0   701.2     5.00    31.82     1.40
 YES                   NO
 VOL26           0   0.27323E-01  494137.7 3761246.0   721.6     5.00    31.82     1.40
 YES                   NO
 VOL30           0   0.27323E-01  493263.0 3761716.6   705.5     5.00    31.82     1.40
 YES                   NO
 VOL31           0   0.27323E-01  493268.3 3761811.5   710.9     5.00    31.82     1.40
 YES                   NO
 VOL35           0   0.27323E-01  493145.9 3761184.0   686.7     5.00    31.82     1.40
 YES                   NO
 VOL36           0   0.27323E-01  493287.4 3761193.4   698.1     5.00    31.82     1.40
 YES                   NO
 VOL37           0   0.27323E-01  493373.0 3761252.2   680.9     5.00    31.82     1.40
 YES                   NO
 VOL46           0   0.27323E-01  493128.3 3761058.6   681.0     5.00    31.82     1.40
 YES                   NO
 VOL47           0   0.27323E-01  493228.4 3761082.6   683.1     5.00    31.82     1.40
 YES                   NO
 VOL48           0   0.27323E-01  493354.1 3761167.3   672.4     5.00    31.82     1.40
 YES                   NO
 VOL49           0   0.27323E-01  493730.8 3761261.8   682.1     5.00    31.82     1.40
 YES                   NO
 VOL50           0   0.27323E-01  493622.3 3761120.3   685.5     5.00    31.82     1.40
 YES                   NO
 VOL51           0   0.27323E-01  493605.8 3760987.0   697.6     5.00    31.82     1.40
 YES                   NO
 VOL52           0   0.27323E-01  493754.4 3761122.7   701.4     5.00    31.82     1.40
 YES                   NO
 VOL53           0   0.27323E-01  493888.9 3761136.8   695.4     5.00    31.82     1.40
 YES                   NO
 VOL54           0   0.27323E-01  494028.0 3761118.0   705.9     5.00    31.82     1.40
 YES                   NO
 VOL55           0   0.27323E-01  494162.5 3761118.0   703.1     5.00    31.82     1.40
 YES                   NO
 VOL56           0   0.27323E-01  494212.0 3761120.3   695.8     5.00    31.82     1.40
 YES                   NO
 VOL57           0   0.27323E-01  493747.3 3760981.2   688.8     5.00    31.82     1.40
 YES                   NO
 VOL58           0   0.27323E-01  493888.9 3760995.3   684.8     5.00    31.82     1.40
 YES                   NO
 VOL59           0   0.27323E-01  493884.1 3760901.0   683.2     5.00    31.82     1.40
 YES                   NO
 VOL60           0   0.27323E-01  494032.8 3760981.2   693.3     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:03:28

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                      BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
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VOL61	0	0.27323E-01	494025.7	3760901.0	694.7	5.00	31.82	1.40
YES		NO						
VOL62	0	0.27323E-01	494174.3	3760981.2	692.9	5.00	31.82	1.40
YES		NO						
VOL63	0	0.27323E-01	494301.7	3760992.9	697.0	5.00	31.82	1.40
YES		NO						
VOL64	0	0.27323E-01	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.27323E-01	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.27323E-01	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.27323E-01	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.27323E-01	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.27323E-01	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.27323E-01	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.27323E-01	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.27323E-01	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL74	0	0.27323E-01	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.27323E-01	491917.1	3762126.5	686.3	5.00	31.82	1.40
YES		NO						
VOL76	0	0.27323E-01	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES		NO						
VOL77	0	0.27323E-01	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES		NO						
VOL78	0	0.27323E-01	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES		NO						
VOL79	0	0.27323E-01	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES		NO						
VOL80	0	0.27323E-01	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES		NO						
VOL81	0	0.27323E-01	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES		NO						
VOL82	0	0.27323E-01	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES		NO						
VOL83	0	0.27323E-01	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES		NO						
VOL84	0	0.27323E-01	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES		NO						
VOL85	0	0.27323E-01	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES		NO						
VOL86	0	0.27323E-01	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES		NO						
VOL87	0	0.27323E-01	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES		NO						
VOL88	0	0.27323E-01	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES		NO						
VOL89	0	0.27323E-01	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES		NO						
VOL90	0	0.27323E-01	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES		NO						
VOL91	0	0.27323E-01	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES		NO						
VOL92	0	0.27323E-01	493009.6	3761326.3	677.2	5.00	31.82	1.40
YES		NO						
VOL93	0	0.27323E-01	493007.3	3761184.8	680.7	5.00	31.82	1.40
YES		NO						
VOL94	0	0.27323E-01	492989.8	3761059.4	667.2	5.00	31.82	1.40
YES		NO						

VOL95 0 0.27323E-01 493007.3 3761467.9 685.7 5.00 31.82 1.40
YES NO
VOL96 0 0.27323E-01 492870.9 3761328.5 683.9 5.00 31.82 1.40
YES NO
VOL97 0 0.27323E-01 492868.6 3761187.0 685.6 5.00 31.82 1.40
YES NO
VOL98 0 0.27323E-01 492851.0 3761061.6 685.9 5.00 31.82 1.40
YES NO
VOL99 0 0.27323E-01 492868.6 3761470.1 684.7 5.00 31.82 1.40
YES NO
VOL100 0 0.27323E-01 492734.4 3761330.7 695.1 5.00 31.82 1.40
YES NO
VOL101 0 0.27323E-01 492732.0 3761189.2 696.1 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL102	0	0.27323E-01	492714.5	3761063.8	701.2	5.00	31.82	1.40	
YES		NO							
VOL103	0	0.27323E-01	492732.0	3761472.3	683.0	5.00	31.82	1.40	
YES		NO							
VOL104	0	0.27323E-01	492600.0	3761332.9	685.1	5.00	31.82	1.40	
YES		NO							
VOL105	0	0.27323E-01	492597.7	3761191.4	696.6	5.00	31.82	1.40	
YES		NO							
VOL106	0	0.27323E-01	492580.2	3761066.0	698.9	5.00	31.82	1.40	
YES		NO							
VOL107	0	0.27323E-01	492597.7	3761474.5	684.3	5.00	31.82	1.40	
YES		NO							
VOL108	0	0.27323E-01	492460.2	3761324.7	683.3	5.00	31.82	1.40	
YES		NO							
VOL109	0	0.27323E-01	492457.9	3761183.2	697.4	5.00	31.82	1.40	
YES		NO							
VOL110	0	0.27323E-01	492440.3	3761057.8	691.8	5.00	31.82	1.40	
YES		NO							
VOL111	0	0.27323E-01	492457.9	3761466.3	683.8	5.00	31.82	1.40	
YES		NO							
VOL112	0	0.27323E-01	492547.6	3761006.4	698.0	5.00	31.82	1.40	
YES		NO							
VOL113	0	0.27323E-01	492686.4	3761006.4	700.8	5.00	31.82	1.40	
YES		NO							
VOL114	0	0.27323E-01	492827.3	3761010.8	686.2	5.00	31.82	1.40	
YES		NO							
VOL115	0	0.27323E-01	494155.2	3761385.1	718.1	5.00	31.82	1.40	
YES		NO							
VOL116	0	0.27323E-01	494005.5	3761391.7	716.1	5.00	31.82	1.40	
YES		NO							
VOL117	0	0.27323E-01	494278.6	3761268.4	705.4	5.00	31.82	1.40	
YES		NO							

VOL118	0	0.27323E-01	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						
VOL119	0	0.27323E-01	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.27323E-01	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.27323E-01	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.27323E-01	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.27323E-01	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.27323E-01	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.27323E-01	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.27323E-01	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.27323E-01	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.27323E-01	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.27323E-01	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.27323E-01	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.27323E-01	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.27323E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.27323E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.27323E-01	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.27323E-01	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.27323E-01	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.27323E-01	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.27323E-01	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.27323E-01	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.27323E-01	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.27323E-01	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
SOURCE SCALAR VARY BY								

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VOL142	0	0.27323E-01	492058.8	3762453.2	684.2	5.00	31.82	1.40
YES		NO						
VOL143	0	0.27323E-01	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.27323E-01	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.27323E-01	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.27323E-01	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.27323E-01	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.27323E-01	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.27323E-01	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						
VOL150	0	0.27323E-01	492325.0	3761335.6	691.0	5.00	31.82	1.40
YES		NO						
VOL151	0	0.27323E-01	492322.6	3761477.1	685.4	5.00	31.82	1.40
YES		NO						
VOL152	0	0.27323E-01	492305.1	3761068.7	680.8	5.00	31.82	1.40
YES		NO						
VOL153	0	0.27323E-01	492322.6	3761194.1	682.6	5.00	31.82	1.40
YES		NO						
VOL154	0	0.27323E-01	492191.5	3761335.6	683.7	5.00	31.82	1.40
YES		NO						
VOL155	0	0.27323E-01	492189.2	3761477.1	693.8	5.00	31.82	1.40
YES		NO						
VOL156	0	0.27323E-01	492238.4	3761059.6	676.0	5.00	31.82	1.40
YES		NO						
VOL157	0	0.27323E-01	492189.2	3761194.1	677.8	5.00	31.82	1.40
YES		NO						
VOL158	0	0.27323E-01	492419.9	3760998.3	689.8	5.00	31.82	1.40
YES		NO						
VOL159	0	0.27323E-01	492111.4	3761281.5	683.5	5.00	31.82	1.40
YES		NO						
VOL160	0	0.27323E-01	492055.5	3761413.1	669.3	5.00	31.82	1.40
YES		NO						
VOL161	0	0.27323E-01	492057.3	3761515.9	682.8	5.00	31.82	1.40
YES		NO						
VOL162	0	0.27323E-01	492008.6	3761494.3	684.2	5.00	31.82	1.40
YES		NO						
VOL163	0	0.27323E-01	492014.1	3761416.7	668.3	5.00	31.82	1.40
YES		NO						
VOL164	0	0.27323E-01	492190.8	3761535.8	686.1	5.00	31.82	1.40
YES		NO						
VOL165	0	0.27323E-01	492326.1	3761519.5	681.3	5.00	31.82	1.40
YES		NO						
VOL166	0	0.27323E-01	493401.0	3761806.3	709.4	5.00	31.82	1.40
YES		NO						
VOL167	0	0.27323E-01	493514.6	3761800.9	707.0	5.00	31.82	1.40
YES		NO						
VOL168	0	0.27323E-01	491218.7	3762466.4	662.9	5.00	31.82	1.40
YES		NO						
VOL169	0	0.27323E-01	491225.9	3762334.7	670.5	5.00	31.82	1.40
YES		NO						
VOL170	0	0.27323E-01	491247.5	3762210.3	671.3	5.00	31.82	1.40
YES		NO						
VOL171	0	0.27323E-01	491083.4	3762369.0	660.6	5.00	31.82	1.40
YES		NO						
VOL172	0	0.27323E-01	491112.3	3762230.1	666.9	5.00	31.82	1.40
YES		NO						
VOL173	0	0.27323E-01	490867.0	3762534.9	630.8	5.00	31.82	1.40
YES		NO						

VOL174 0 0.27323E-01 490726.3 3762533.1 641.0 5.00 31.82 1.40
YES NO
VOL175 0 0.27323E-01 490347.6 3762574.6 669.2 5.00 31.82 1.40
YES NO
VOL176 0 0.27323E-01 490208.7 3762567.4 659.0 5.00 31.82 1.40
YES NO
VOL177 0 0.27323E-01 490073.4 3762509.7 648.6 5.00 31.82 1.40
YES NO
VOL178 0 0.27323E-01 489936.4 3762468.2 645.5 5.00 31.82 1.40
YES NO
VOL179 0 0.27323E-01 490425.1 3762441.2 661.4 5.00 31.82 1.40
YES NO
VOL180 0 0.27323E-01 490289.9 3762439.4 676.6 5.00 31.82 1.40
YES NO
VOL181 0 0.27323E-01 490154.6 3762435.7 660.5 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL182	0	0.27323E-01	490024.7	3762374.4	646.6	5.00	31.82	1.40	
YES		NO							
VOL183	0	0.27323E-01	490349.4	3762309.5	666.3	5.00	31.82	1.40	
YES		NO							
VOL184	0	0.27323E-01	490214.1	3762304.1	672.6	5.00	31.82	1.40	
YES		NO							
VOL185	0	0.27323E-01	490082.5	3762298.7	667.9	5.00	31.82	1.40	
YES		NO							
VOL186	0	0.27323E-01	489977.9	3762239.2	678.2	5.00	31.82	1.40	
YES		NO							
VOL187	0	0.27323E-01	489923.7	3762147.2	674.0	5.00	31.82	1.40	
YES		NO							
VOL188	0	0.27323E-01	490055.4	3762116.5	674.4	5.00	31.82	1.40	
YES		NO							
VOL189	0	0.27323E-01	490116.7	3762165.2	679.8	5.00	31.82	1.40	
YES		NO							
VOL190	0	0.27323E-01	490226.7	3762168.8	662.6	5.00	31.82	1.40	
YES		NO							
VOL191	0	0.27323E-01	490149.2	3762037.2	660.1	5.00	31.82	1.40	
YES		NO							
VOL192	0	0.27323E-01	494140.4	3761657.6	711.0	5.00	31.82	1.40	
YES		NO							
VOL193	0	0.27323E-01	494263.5	3761644.8	714.4	5.00	31.82	1.40	
YES		NO							
VOL194	0	0.27323E-01	494344.1	3761139.8	717.6	5.00	31.82	1.40	
YES		NO							
VOL195	0	0.27323E-01	494437.5	3761008.3	705.9	5.00	31.82	1.40	
YES		NO							
VOL196	0	0.27323E-01	494571.2	3761052.8	712.5	5.00	31.82	1.40	
YES		NO							

VOL197	0	0.27323E-01	494431.1	3761139.8	722.3	5.00	31.82	1.40
YES		NO						
VOL198	0	0.27323E-01	494429.0	3761224.7	720.2	5.00	31.82	1.40
YES		NO						
VOL199	0	0.27323E-01	494569.1	3761184.4	716.6	5.00	31.82	1.40
YES		NO						
VOL200	0	0.27323E-01	491355.9	3762468.8	684.9	5.00	31.82	1.40
YES		NO						
VOL201	0	0.27323E-01	491355.9	3762339.3	685.0	5.00	31.82	1.40
YES		NO						
VOL202	0	0.27323E-01	491477.0	3762439.5	673.5	5.00	31.82	1.40
YES		NO						
VOL203	0	0.27323E-01	492654.6	3762000.7	693.4	5.00	31.82	1.40
YES		NO						
VOL204	0	0.27323E-01	492789.0	3762024.0	698.2	5.00	31.82	1.40
YES		NO						
VOL205	0	0.27323E-01	492859.9	3762014.8	699.4	5.00	31.82	1.40
YES		NO						
VOL206	0	0.27323E-01	492855.7	3761893.6	694.7	5.00	31.82	1.40
YES		NO						
VOL207	0	0.27323E-01	492848.7	3761753.0	689.6	5.00	31.82	1.40
YES		NO						
VOL208	0	0.27323E-01	492716.4	3761750.2	694.9	5.00	31.82	1.40
YES		NO						
VOL209	0	0.27323E-01	492768.0	3761883.9	694.8	5.00	31.82	1.40
YES		NO						
VOL210	0	0.27323E-01	493508.5	3761601.1	708.9	5.00	31.82	1.40
YES		NO						
VOL211	0	0.27323E-01	493505.2	3761466.7	686.8	5.00	31.82	1.40
YES		NO						
VOL212	0	0.27323E-01	493510.2	3761332.4	683.2	5.00	31.82	1.40
YES		NO						
VOL213	0	0.27323E-01	493492.1	3761227.5	682.8	5.00	31.82	1.40
YES		NO						
VOL214	0	0.27323E-01	493597.0	3761463.4	690.2	5.00	31.82	1.40
YES		NO						
VOL215	0	0.27323E-01	493616.7	3761335.6	681.8	5.00	31.82	1.40
YES		NO						
VOL216	0	0.27323E-01	490886.0	3761758.3	670.2	5.00	31.82	1.40
YES		NO						
VOL217	0	0.27323E-01	490872.5	3761650.4	671.5	5.00	31.82	1.40
YES		NO						
VOL218	0	0.27323E-01	490756.9	3761795.0	659.5	5.00	31.82	1.40
YES		NO						
VOL219	0	0.27323E-01	490743.4	3761679.3	673.1	5.00	31.82	1.40
YES		NO						
VOL220	0	0.27323E-01	490701.0	3761902.9	656.2	5.00	31.82	1.40
YES		NO						
VOL221	0	0.27323E-01	490564.1	3761870.1	665.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ

(METERS) BY

VOL222	0	0.27323E-01	490431.1	3761864.4	673.6	5.00	31.82	1.40
YES		NO						
VOL223	0	0.27323E-01	490332.8	3761829.7	675.2	5.00	31.82	1.40
YES		NO						
VOL224	0	0.27323E-01	490307.8	3761733.3	676.1	5.00	31.82	1.40
YES		NO						
VOL225	0	0.27323E-01	490448.5	3761725.6	677.0	5.00	31.82	1.40
YES		NO						
VOL226	0	0.27323E-01	490577.6	3761733.3	674.4	5.00	31.82	1.40
YES		NO						
VOL227	0	0.27323E-01	490668.2	3761773.8	666.8	5.00	31.82	1.40
YES		NO						
VOL228	0	0.27323E-01	490074.5	3761694.7	668.0	5.00	31.82	1.40
YES		NO						
VOL229	0	0.27323E-01	490084.2	3761548.2	673.3	5.00	31.82	1.40
YES		NO						
VOL230	0	0.27323E-01	489947.3	3761532.8	673.8	5.00	31.82	1.40
YES		NO						
VOL231	0	0.27323E-01	489812.4	3761476.9	667.9	5.00	31.82	1.40
YES		NO						
VOL232	0	0.27323E-01	489739.1	3761488.5	668.5	5.00	31.82	1.40
YES		NO						
VOL233	0	0.27323E-01	490205.6	3761627.3	670.8	5.00	31.82	1.40
YES		NO						
VOL235	0	0.27323E-01	490014.8	3761714.0	660.8	5.00	31.82	1.40
YES		NO						
VOL236	0	0.27323E-01	489798.9	3762429.1	665.9	5.00	31.82	1.40
YES		NO						
VOL237	0	0.27323E-01	489681.3	3762438.8	667.2	5.00	31.82	1.40
YES		NO						
VOL238	0	0.27323E-01	489671.7	3762305.8	664.8	5.00	31.82	1.40
YES		NO						
VOL239	0	0.27323E-01	489808.5	3762305.8	670.4	5.00	31.82	1.40
YES		NO						
VOL240	0	0.27323E-01	489904.9	3762334.7	671.7	5.00	31.82	1.40
YES		NO						
VOL241	0	0.27323E-01	489845.1	3762168.9	672.3	5.00	31.82	1.40
YES		NO						
VOL242	0	0.27323E-01	489708.3	3762170.8	682.2	5.00	31.82	1.40
YES		NO						
VOL243	0	0.27323E-01	489669.7	3762165.0	678.8	5.00	31.82	1.40
YES		NO						
VOL244	0	0.27323E-01	489662.0	3762032.1	681.2	5.00	31.82	1.40
YES		NO						
VOL245	0	0.27323E-01	489802.7	3762032.1	676.7	5.00	31.82	1.40
YES		NO						
VOL246	0	0.27323E-01	489941.5	3762008.9	669.3	5.00	31.82	1.40
YES		NO						
VOL247	0	0.27323E-01	490036.0	3761981.9	670.4	5.00	31.82	1.40
YES		NO						
VOL248	0	0.27323E-01	490009.0	3761843.2	663.4	5.00	31.82	1.40
YES		NO						
VOL249	0	0.27323E-01	489899.1	3761875.9	660.1	5.00	31.82	1.40
YES		NO						
VOL250	0	0.27323E-01	489808.5	3761895.2	671.5	5.00	31.82	1.40
YES		NO						
VOL251	0	0.27323E-01	489669.7	3761889.4	668.6	5.00	31.82	1.40
YES		NO						
VOL252	0	0.27323E-01	489866.3	3761787.3	661.2	5.00	31.82	1.40
YES		NO						
VOL253	0	0.27323E-01	489725.6	3761785.3	669.0	5.00	31.82	1.40
YES		NO						

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 VOL254           0   0.27323E-01  490479.5 3762532.8   635.8     5.00    31.82     1.40
 YES                    NO
 VOL255           0   0.27323E-01  490599.4 3762518.8   626.8     5.00    31.82     1.40
 YES                    NO
 VOL256           0   0.27323E-01  490971.6 3762447.1   635.5     5.00    31.82     1.40
 YES                    NO
 VOL257           0   0.27323E-01  491089.9 3762468.9   663.0     5.00    31.82     1.40
 YES                    NO
 VOL258           0   0.27323E-01  491006.0 3761570.2   677.5     5.00    31.82     1.40
 YES                    NO
 VOL259           0   0.27323E-01  491143.1 3761571.7   657.8     5.00    31.82     1.40
 YES                    NO
 VOL260           0   0.27323E-01  491278.5 3761567.1   669.7     5.00    31.82     1.40
 YES                    NO
 VOL261           0   0.27323E-01  493581.7 3761666.7   707.1     5.00    31.82     1.40
 YES                    NO
 VOL262           0   0.27323E-01  493594.1 3761563.9   684.0     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***        14:03:28

                     PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                      BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - -

 VOL263           0   0.27323E-01  494462.9 3760869.0   700.3     5.00    31.82     1.40
 YES                    NO
 VOL264           0   0.27323E-01  493760.1 3760912.3   681.9     5.00    31.82     1.40
 YES                    NO
 VOL265           0   0.27323E-01  492959.0 3761011.0   668.8     5.00    31.82     1.40
 YES                    NO
 VOL266           0   0.27323E-01  491541.7 3762540.3   681.6     5.00    31.82     1.40
 YES                    NO
 VOL267           0   0.27323E-01  492117.1 3761843.8   682.3     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***        14:03:28

                     PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,
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            VOL12      , VOL16      , VOL17      , VOL18      , VOL19      , VOL20      ,
            VOL21      , VOL22      ,

            VOL23      , VOL24      , VOL25      , VOL26      , VOL30      , VOL31      ,
            VOL35      , VOL36      ,

            VOL37      , VOL46      , VOL47      , VOL48      , VOL49      , VOL50      ,
            VOL51      , VOL52      ,

            VOL53      , VOL54      , VOL55      , VOL56      , VOL57      , VOL58      ,
            VOL59      , VOL60      ,

            VOL61      , VOL62      , VOL63      , VOL64      , VOL65      , VOL66      ,
            VOL67      , VOL68      ,

            VOL69      , VOL70      , VOL71      , VOL72      , VOL74      , VOL75      ,
            VOL76      , VOL77      ,

            VOL78      , VOL79      , VOL80      , VOL81      , VOL82      , VOL83      ,
            VOL84      , VOL85      ,

            VOL86      , VOL87      , VOL88      , VOL89      , VOL90      , VOL91      ,
            VOL92      , VOL93      ,

            VOL94      , VOL95      , VOL96      , VOL97      , VOL98      , VOL99      ,
            VOL100     , VOL101     ,

            VOL102     , VOL103     , VOL104     , VOL105     , VOL106     , VOL107     ,
            VOL108     , VOL109     ,

            VOL110     , VOL111     , VOL112     , VOL113     , VOL114     , VOL115     ,
            VOL116     , VOL117     ,

            VOL118     , VOL119     , VOL120     , VOL121     , VOL122     , VOL123     ,
            VOL124     , VOL125     ,

            VOL126     , VOL127     , VOL128     , VOL129     , VOL130     , VOL131     ,
            VOL132     , VOL133     ,

            VOL134     , VOL135     , VOL136     , VOL137     , VOL138     , VOL139     ,
            VOL140     , VOL141     ,

            VOL142     , VOL143     , VOL144     , VOL145     , VOL146     , VOL147     ,
            VOL148     , VOL149     ,

            VOL150     , VOL151     , VOL152     , VOL153     , VOL154     , VOL155     ,
            VOL156     , VOL157     ,

            VOL158     , VOL159     , VOL160     , VOL161     , VOL162     , VOL163     ,
            VOL164     , VOL165     ,

            VOL166     , VOL167     , VOL168     , VOL169     , VOL170     , VOL171     ,
            VOL172     , VOL173     ,

            VOL174     , VOL175     , VOL176     , VOL177     , VOL178     , VOL179     ,
            VOL180     , VOL181     ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       14:03:28

                    PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 ,
VOL212 , VOL213 ,

VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 ,
VOL220 , VOL221 ,

VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 ,
VOL228 , VOL229 ,

VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 ,
VOL237 , VOL238 ,

VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 ,
VOL245 , VOL246 ,

VOL247 , VOL248 , VOL249 , VOL250 , VOL251 , VOL252 ,
VOL253 , VOL254 ,

VOL255 , VOL256 , VOL257 , VOL258 , VOL259 , VOL260 ,
VOL261 , VOL262 ,

VOL263 , VOL264 , VOL265 , VOL266 , VOL267 ,
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 14:03:28

PAGE 11
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID URBAN POP SOURCE IDs

2189641. VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 ,
VOL11 ,

VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 ,

VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 ,

VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 ,
VOL51 , VOL52 ,

VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 ,
VOL59 , VOL60 ,

VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 ,
VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 ,
VOL212 , VOL213 ,

VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 ,
VOL220 , VOL221 ,

VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 ,
VOL228 , VOL229 ,

VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 ,
VOL237 , VOL238 ,

VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 ,
VOL245 , VOL246 ,

VOL247 , VOL248 , VOL249 , VOL250 , VOL251 , VOL252 ,
VOL253 , VOL254 ,

VOL255 , VOL256 , VOL257 , VOL258 , VOL259 , VOL260 ,
VOL261 , VOL262 ,

VOL263 , VOL264 , VOL265 , VOL266 , VOL267 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
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(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
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(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
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(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
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(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
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(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
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(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
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(492890.9, 3762203.2, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
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(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
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(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90				

```
252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:03:28

                      PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                 VOL6        , VOL7        , VOL8        ,
                   VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                   VOL17       , VOL18       , VOL19       ,
                   VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                   VOL25       , VOL26       , VOL30       ,
                   VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                   VOL47       , VOL48       ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF CO       IN
                                        MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
- - - -
```

3762007.36 37.66909 (13072306)
493615.76 3762018.56 37.36410 (13072306) 493614.71
3762025.73 37.19833 (13072306)
493614.36 3762035.00 36.96594 (13072306) 493613.13
3762043.74 36.77087 (13072306)
493613.66 3762052.14 36.54369 (13072306) 493613.83
3762061.58 36.29997 (13072306)
493614.18 3762071.55 36.04479 (13072306) 493696.46
3761742.53 39.98361 (13090106)
493707.35 3761768.92 38.64961 (13090106) 493727.98
3761742.80 40.19312 (12072023)
493755.61 3761733.69 42.18943 (12072023) 493750.48
3761720.58 41.55755 (12072023)
493745.92 3761709.48 41.33052 (13082402) 493741.37
3761696.95 41.44943 (13082402)
493738.52 3761681.00 41.84553 (13082402) 493737.38
3761663.91 42.78480 (13082402)
493736.52 3761651.38 42.88900 (13082402) 494418.08
3761416.13 48.26361 (12072023)
494473.73 3761368.11 47.76091 (12091721) 494939.85
3761394.35 33.22251 (12091721)
494686.37 3761403.42 37.71541 (13072306) 494575.98
3761568.60 36.50081 (12082722)
494541.49 3761602.79 37.36697 (13070724) 494822.53
3761435.24 33.47059 (12082722)
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3761535.78 31.65245 (13070724)
494837.90 3761553.12 31.42267 (13070724) 494885.61
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3759357.70 3.84033 (14012117)
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3759859.22 3.08796 (14021304)
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3760420.86 3.45987 (14090307)
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487983.18 3762301.23 5.81026 (14022723) 487913.66
3762403.25 5.64748 (14022723)
487890.59 3762238.09 5.52224 (13010807) 488190.14
3762513.88 6.05823 (14022723)
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3762660.77 9.76377 (13030722)
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3762783.65 9.60569 (14120316)
489889.72 3762661.22 18.89572 (14012117) 490022.93
3762783.29 14.46780 (14012117)
490423.96 3762839.25 14.47361 (14012117) 490375.94
3762870.37 13.70480 (14012117)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	16.84306	(14012117)	491132.33	3762903.51	14.17244	(14012117)
492890.92	3762203.25	45.31128	(12080922)	492961.55	3762258.51	41.01324	(13090721)
493033.99	3762272.60	45.33181	(13072306)	493032.31	3762205.18	44.89635	(13072306)
493087.32	3762215.25	44.08264	(13072306)	493079.94	3762296.41	42.43968	(12080206)
493163.79	3762367.18	32.57070	(12081001)	493068.87	3762510.05	33.25768	(12080206)
493101.07	3762454.71	35.51867	(12091923)	493281.84	3762369.19	35.24194	(12100622)
493351.51	3762095.42	40.99362	(13072306)	493439.48	3762105.84	38.81846	(13072306)
493972.90	3763044.23	19.92861	(13083102)	493957.03	3763184.09	19.28087	(13083102)
493583.55	3763480.45	15.59540	(13083103)	493258.47	3763568.15	13.46399	(13070822)
492895.78	3763485.72	11.06054	(12100724)	493781.01	3761659.05	47.89703	(12090520)
493797.63	3761658.35	47.50741	(13090106)	493831.94	3761631.47	46.76687	(12090520)
493900.20	3761664.01	44.19941	(13090106)	493918.59	3761666.13	43.73207	(13090106)
493929.55	3761662.24	43.60065	(13090106)	493945.82	3761667.90	42.98946	(13090106)
493758.37	3761524.30	50.47053	(12080801)	493961.03	3761672.85	42.35484	(13090106)
493975.18	3761679.57	42.07588	(12081902)	493987.55	3761687.70	41.62562	(12081902)
493998.87	3761697.25	41.22309	(12081902)	494007.71	3761707.51	40.82631	(13070724)
494016.91	3761718.12	40.19304	(13070724)	494024.69	3761730.85	39.96225	(12091721)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	29.35385	(12120324)	493409.97	3761986.39	29.46522	(12120324)
493417.46	3761972.99	29.96437	(12120324)	493468.31	3761958.40	28.82568	(12120324)
493499.84	3761947.37	28.57594	(12120324)	493614.36	3761892.81	28.47218	(12120324)
493613.66	3761905.05	27.73793	(12120324)	493614.36	3761917.12	27.35945	(12100724)
493614.36	3761927.44	27.09515	(12100724)	493613.31	3761940.20	26.72814	(12100724)
493616.46	3761952.10	26.17747	(12100724)	493615.23	3761961.71	25.80374	(12100724)
493614.53	3761973.78	25.34289	(12100724)	493614.01	3761984.98	24.94214	(12100724)
493613.66	3761996.52	24.58956	(12100724)	493614.18	3762007.36	24.27206	(12100724)
493615.76	3762018.56	23.94285	(12100724)	493614.71	3762025.73	23.74559	(12100724)
493614.36	3762035.00	23.48607	(12100724)	493613.13	3762043.74	23.25774	(12100724)
493613.66	3762052.14	23.01645	(12100724)	493613.83	3762061.58	22.75103	(12100724)
493614.18	3762071.55	22.47071	(12100724)	493696.46	3761742.53	29.69114	(12120324)
493707.35	3761768.92	28.45861	(12120324)	493727.98	3761742.80	30.64286	(12120324)
493755.61	3761733.69	31.64916	(12120324)	493750.48	3761720.58	31.60594	(12120324)
493745.92	3761709.48	31.70820	(12120324)	493741.37	3761696.95	32.19999	(12120324)
493738.52	3761681.00	32.83214	(12120324)	493737.38	3761663.91	33.58222	(12120324)
493736.52	3761651.38	33.91676	(12120324)	494418.08	3761416.13	37.20709	(12120324)
494473.73	3761368.11	36.43378	(12120324)	494939.85	3761394.35	22.38790	(12100724)
494686.37	3761403.42	25.30952	(12120324)	494575.98	3761568.60	23.21881c	(13072308)
494541.49	3761602.79	23.80625	(12100724)	494822.53	3761435.24	21.94278c	(13072308)
494846.18	3761504.63	20.68105	(12100724)	494841.06	3761535.78	20.34042	(12100724)
494837.90	3761553.12	20.14336	(12100724)	494885.61			

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       3761199.09       25.82168  (12120324)
       494976.68   3761325.65       23.21898  (12120324)                494985.35
       3761366.25       22.13368  (12100724)
       495070.90   3761299.23       21.05760  (12120324)                495115.47
       3760632.60       23.85288  (13102324)
       495069.03   3760685.30       24.90117  (13102324)                495087.55
       3760728.31       25.16067  (13102324)
       495079.90   3760834.52       24.79804  (12091208)                495202.38
       3760883.65       24.11355  (12091208)
       495237.63   3760939.31       23.49956  (12091208)                495298.45
       3761048.56       22.40422  (12120324)
       490844.43   3759375.83        3.34418  (14120608)                490895.79
       3759357.70        3.34307  (14120608)
       490596.67   3759246.67        3.03272  (14120608)                489103.59
       3759859.22        2.80676  (13122608)
       488940.48   3759893.26        2.73684  (13122608)                488472.34
       3759865.64        2.53265  (13122608)
       488432.53   3759884.27        2.53481  (13122608)                488713.15
       3759827.76        2.58708  (13122608)
       487562.29   3760285.62        2.43367  (14021308)                487809.35
       3760420.86        2.62921  (14021308)
       487553.10   3761208.24        2.52094  (12122008)                487899.76
       3760972.40        2.82396  (13122608)
       487983.18   3762301.23        2.99249  (12122008)                487913.66
       3762403.25        2.64624  (12122008)
       487890.59   3762238.09        3.00803  (12122008)                488190.14
       3762513.88        2.73725  (14120608)
       488424.39   3762586.51        3.12775  (14120608)                488657.54
       3762495.87        3.85855  (14120608)
       488908.17   3762583.23        4.67876  (14120608)                489170.26
       3762660.77        6.03061  (14120608)
       489382.17   3762809.64        6.82057  (14120608)                489294.91
       3762783.65        6.35192  (14120608)
       489889.72   3762661.22       16.47520  (14120608)                490022.93
       3762783.29       12.71712  (14120608)
       490423.96   3762839.25       12.69036  (14120608)                490375.94
       3762870.37       12.00816  (14120608)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:03:28

                     PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                  VOL6        , VOL7        , VOL8        ,
                    VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                    VOL17       , VOL18       , VOL19       ,
                    VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                    VOL25       , VOL26       , VOL30       ,
                    VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                    VOL47       , VOL48       ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF CO       IN
                                        MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       491453.08   3762845.48       14.64847  (14120608)                491132.33
```

3762903.51 12.34375 (14120608)
492890.92 3762203.25 34.40891 (12120324) 492961.55
3762258.51 29.02088 (14013008)
493033.99 3762272.60 28.18508 (14111208) 493032.31
3762205.18 30.47883 (12120324)
493087.32 3762215.25 28.04323 (13062508) 493079.94
3762296.41 26.88163 (14013008)
493163.79 3762367.18 21.65381 (14013008) 493068.87
3762510.05 22.62719 (14013008)
493101.07 3762454.71 23.64450 (14013008) 493281.84
3762369.19 22.64602 (14013008)
493351.51 3762095.42 26.13021 (13062508) 493439.48
3762105.84 24.38614 (13062508)
493972.90 3763044.23 9.32804 (14013008) 493957.03
3763184.09 8.26700 (12021924)
493583.55 3763480.45 6.89582 (16010524) 493258.47
3763568.15 6.73524 (16010524)
492895.78 3763485.72 6.49379 (13112008) 493781.01
3761659.05 34.64092 (12120324)
493797.63 3761658.35 33.88806 (12120324) 493831.94
3761631.47 33.08559 (12120324)
493900.20 3761664.01 30.39320 (12120324) 493918.59
3761666.13 30.16605 (12120324)
493929.55 3761662.24 30.40205 (12120324) 493945.82
3761667.90 29.45552 (12120324)
493758.37 3761524.30 35.55864 (12120324) 493961.03
3761672.85 28.87643 (12120324)
493975.18 3761679.57 28.75110 (12120324) 493987.55
3761687.70 28.27630 (12120324)
493998.87 3761697.25 27.93448 (12120324) 494007.71
3761707.51 27.31077 (12120324)
494016.91 3761718.12 26.40627 (12120324) 494024.69
3761730.85 26.43918 (12120324)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH	1ST HIGH VALUE IS 50.47053	ON 12080801: AT (493758.37, 3761524.30, 724.76, 724.76, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	37.20709	ON 12120324: AT (494418.08, 3761416.13, 723.26, 723.26, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 553 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 553 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Ops NOX\15218
Ph4 Ops NOX.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Ops NOX.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
```

LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
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LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
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LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
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LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
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LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
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LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
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LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
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LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
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LOCATION VOL110	VOLUME	492440.336	3761057.824	691.830
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LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090

LOCATION VOL116 VOLUME 494005.497 3761391.736 716.150
LOCATION VOL117 VOLUME 494278.568 3761268.413 705.410
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LOCATION VOL175 VOLUME 490347.579 3762574.618 669.180
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LOCATION VOL179 VOLUME 490425.131 3762441.156 661.430
LOCATION VOL180 VOLUME 490289.865 3762439.352 676.600
LOCATION VOL181 VOLUME 490154.599 3762435.745 660.500

LOCATION VOL182	VOLUME	490024.744	3762374.425	646.610
LOCATION VOL183	VOLUME	490349.382	3762309.497	666.260
LOCATION VOL184	VOLUME	490214.116	3762304.086	672.620
LOCATION VOL185	VOLUME	490082.458	3762298.676	667.950
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LOCATION VOL188	VOLUME	490055.404	3762116.518	674.400
LOCATION VOL189	VOLUME	490116.725	3762165.213	679.770
LOCATION VOL190	VOLUME	490226.741	3762168.821	662.600
LOCATION VOL191	VOLUME	490149.189	3762037.162	660.120
LOCATION VOL192	VOLUME	494140.445	3761657.568	711.010
LOCATION VOL193	VOLUME	494263.511	3761644.837	714.410
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LOCATION VOL200	VOLUME	491355.887	3762468.787	684.880
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LOCATION VOL205	VOLUME	492859.878	3762014.804	699.360
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LOCATION VOL211	VOLUME	493505.243	3761466.712	686.780
LOCATION VOL212	VOLUME	493510.158	3761332.366	683.200
LOCATION VOL213	VOLUME	493492.136	3761227.511	682.770
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LOCATION VOL217	VOLUME	490872.512	3761650.404	671.550
LOCATION VOL218	VOLUME	490756.861	3761794.967	659.470
LOCATION VOL219	VOLUME	490743.368	3761679.316	673.110
LOCATION VOL220	VOLUME	490700.963	3761902.908	656.200
LOCATION VOL221	VOLUME	490564.109	3761870.140	665.170
LOCATION VOL222	VOLUME	490431.111	3761864.358	673.640
LOCATION VOL223	VOLUME	490332.807	3761829.663	675.220
LOCATION VOL224	VOLUME	490307.750	3761733.287	676.110
LOCATION VOL225	VOLUME	490448.458	3761725.577	677.050
LOCATION VOL226	VOLUME	490577.602	3761733.287	674.440
LOCATION VOL227	VOLUME	490668.195	3761773.765	666.760
LOCATION VOL228	VOLUME	490074.520	3761694.737	668.000
LOCATION VOL229	VOLUME	490084.158	3761548.245	673.320
LOCATION VOL230	VOLUME	489947.304	3761532.825	673.830
LOCATION VOL231	VOLUME	489812.378	3761476.927	667.930
LOCATION VOL232	VOLUME	489739.133	3761488.493	668.490
LOCATION VOL233	VOLUME	490205.591	3761627.274	670.850
LOCATION VOL235	VOLUME	490014.767	3761714.012	660.790
LOCATION VOL236	VOLUME	489798.886	3762429.120	665.900
LOCATION VOL237	VOLUME	489681.307	3762438.757	667.250
LOCATION VOL238	VOLUME	489671.670	3762305.759	664.760
LOCATION VOL239	VOLUME	489808.523	3762305.759	670.400
LOCATION VOL240	VOLUME	489904.899	3762334.672	671.710
LOCATION VOL241	VOLUME	489845.146	3762168.905	672.310
LOCATION VOL242	VOLUME	489708.293	3762170.833	682.200
LOCATION VOL243	VOLUME	489669.742	3762165.050	678.840
LOCATION VOL244	VOLUME	489662.032	3762032.052	681.240
LOCATION VOL245	VOLUME	489802.741	3762032.052	676.690
LOCATION VOL246	VOLUME	489941.522	3762008.922	669.320
LOCATION VOL247	VOLUME	490035.970	3761981.936	670.380
LOCATION VOL248	VOLUME	490008.985	3761843.155	663.360

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   LOCATION VOL249       VOLUME     489899.117  3761875.923      660.110
   LOCATION VOL250       VOLUME     489808.523  3761895.198      671.540
   LOCATION VOL251       VOLUME     489669.742  3761889.416      668.590
   LOCATION VOL252       VOLUME     489866.349  3761787.257      661.160
   LOCATION VOL253       VOLUME     489725.640  3761785.330      669.010
   LOCATION VOL254       VOLUME     490479.496  3762532.770      635.790
   LOCATION VOL255       VOLUME     490599.400  3762518.755      626.760
   LOCATION VOL256       VOLUME     490971.567  3762447.124      635.520
   LOCATION VOL257       VOLUME     491089.913  3762468.925      662.980
   LOCATION VOL258       VOLUME     491006.037  3761570.166      677.530
   LOCATION VOL259       VOLUME     491143.071  3761571.723      657.760
   LOCATION VOL260       VOLUME     491278.548  3761567.051      669.700
   LOCATION VOL261       VOLUME     493581.656  3761666.712      707.100
   LOCATION VOL262       VOLUME     493594.114  3761563.937      684.000
   LOCATION VOL263       VOLUME     494462.944  3760869.024      700.270
   LOCATION VOL264       VOLUME     493760.083  3760912.348      681.880
   LOCATION VOL265       VOLUME     492959.041  3761011.044      668.810
   LOCATION VOL266       VOLUME     491541.701  3762540.269      681.650
   LOCATION VOL267       VOLUME     492117.145  3761843.767      682.340
** Source Parameters **
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SRCPARAM VOL265       0.0031184475     5.000    31.816     1.400
SRCPARAM VOL266       0.0031184475     5.000    31.816     1.400
```

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   SRCPARAM VOL267       0.0031184475     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph4 Ops NOX.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH4 OPS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph4 Ops NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     553       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     553       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph4 Ops
NOX.err
**File for Summary of Results: 15218 Ph4 Ops
NOX.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE VARY BY
VOL4	0	0.31184E-02	492797.1	3762283.9	695.0	5.00	31.82	1.40	NO
VOL5	0	0.31184E-02	493197.6	3761815.0	710.4	5.00	31.82	1.40	NO
VOL6	0	0.31184E-02	492524.0	3762265.1	688.3	5.00	31.82	1.40	NO
VOL7	0	0.31184E-02	492388.1	3762262.6	696.8	5.00	31.82	1.40	NO
VOL8	0	0.31184E-02	492254.8	3762271.8	683.2	5.00	31.82	1.40	NO
VOL9	0	0.31184E-02	493145.9	3761467.1	686.4	5.00	31.82	1.40	NO
VOL10	0	0.31184E-02	493285.0	3761471.8	687.9	5.00	31.82	1.40	NO
VOL11	0	0.31184E-02	493368.3	3761535.2	695.0	5.00	31.82	1.40	NO
VOL12	0	0.31184E-02	493510.0	3761002.1	674.8	5.00	31.82	1.40	NO
VOL16	0	0.31184E-02	492659.4	3762267.1	695.9	5.00	31.82	1.40	NO
VOL17	0	0.31184E-02	493185.4	3761712.2	707.4	5.00	31.82	1.40	NO
VOL18	0	0.31184E-02	491986.2	3762340.0	678.9	5.00	31.82	1.40	NO
VOL19	0	0.31184E-02	491843.1	3762383.8	670.7	5.00	31.82	1.40	NO
VOL20	0	0.31184E-02	492118.5	3762307.8	682.7	5.00	31.82	1.40	NO
VOL21	0	0.31184E-02	493148.2	3761325.5	685.0	5.00	31.82	1.40	NO
VOL22	0	0.31184E-02	493285.0	3761332.6	690.3	5.00	31.82	1.40	NO
VOL23	0	0.31184E-02	493368.3	3761393.7	681.0	5.00	31.82	1.40	NO
VOL24	0	0.31184E-02	493874.8	3761274.2	695.9	5.00	31.82	1.40	NO

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 VOL25           0   0.31184E-02  494008.7 3761247.0   701.2     5.00    31.82     1.40
 YES                   NO
 VOL26           0   0.31184E-02  494137.7 3761246.0   721.6     5.00    31.82     1.40
 YES                   NO
 VOL30           0   0.31184E-02  493263.0 3761716.6   705.5     5.00    31.82     1.40
 YES                   NO
 VOL31           0   0.31184E-02  493268.3 3761811.5   710.9     5.00    31.82     1.40
 YES                   NO
 VOL35           0   0.31184E-02  493145.9 3761184.0   686.7     5.00    31.82     1.40
 YES                   NO
 VOL36           0   0.31184E-02  493287.4 3761193.4   698.1     5.00    31.82     1.40
 YES                   NO
 VOL37           0   0.31184E-02  493373.0 3761252.2   680.9     5.00    31.82     1.40
 YES                   NO
 VOL46           0   0.31184E-02  493128.3 3761058.6   681.0     5.00    31.82     1.40
 YES                   NO
 VOL47           0   0.31184E-02  493228.4 3761082.6   683.1     5.00    31.82     1.40
 YES                   NO
 VOL48           0   0.31184E-02  493354.1 3761167.3   672.4     5.00    31.82     1.40
 YES                   NO
 VOL49           0   0.31184E-02  493730.8 3761261.8   682.1     5.00    31.82     1.40
 YES                   NO
 VOL50           0   0.31184E-02  493622.3 3761120.3   685.5     5.00    31.82     1.40
 YES                   NO
 VOL51           0   0.31184E-02  493605.8 3760987.0   697.6     5.00    31.82     1.40
 YES                   NO
 VOL52           0   0.31184E-02  493754.4 3761122.7   701.4     5.00    31.82     1.40
 YES                   NO
 VOL53           0   0.31184E-02  493888.9 3761136.8   695.4     5.00    31.82     1.40
 YES                   NO
 VOL54           0   0.31184E-02  494028.0 3761118.0   705.9     5.00    31.82     1.40
 YES                   NO
 VOL55           0   0.31184E-02  494162.5 3761118.0   703.1     5.00    31.82     1.40
 YES                   NO
 VOL56           0   0.31184E-02  494212.0 3761120.3   695.8     5.00    31.82     1.40
 YES                   NO
 VOL57           0   0.31184E-02  493747.3 3760981.2   688.8     5.00    31.82     1.40
 YES                   NO
 VOL58           0   0.31184E-02  493888.9 3760995.3   684.8     5.00    31.82     1.40
 YES                   NO
 VOL59           0   0.31184E-02  493884.1 3760901.0   683.2     5.00    31.82     1.40
 YES                   NO
 VOL60           0   0.31184E-02  494032.8 3760981.2   693.3     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:30:18

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL61           0   0.31184E-02  494025.7 3760901.0   694.7     5.00    31.82     1.40
 YES                   NO
```

VOL62	0	0.31184E-02	494174.3	3760981.2	692.9	5.00	31.82	1.40
YES		NO						
VOL63	0	0.31184E-02	494301.7	3760992.9	697.0	5.00	31.82	1.40
YES		NO						
VOL64	0	0.31184E-02	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.31184E-02	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.31184E-02	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.31184E-02	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.31184E-02	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.31184E-02	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.31184E-02	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.31184E-02	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.31184E-02	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL74	0	0.31184E-02	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.31184E-02	491917.1	3762126.5	686.3	5.00	31.82	1.40
YES		NO						
VOL76	0	0.31184E-02	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES		NO						
VOL77	0	0.31184E-02	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES		NO						
VOL78	0	0.31184E-02	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES		NO						
VOL79	0	0.31184E-02	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES		NO						
VOL80	0	0.31184E-02	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES		NO						
VOL81	0	0.31184E-02	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES		NO						
VOL82	0	0.31184E-02	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES		NO						
VOL83	0	0.31184E-02	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES		NO						
VOL84	0	0.31184E-02	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES		NO						
VOL85	0	0.31184E-02	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES		NO						
VOL86	0	0.31184E-02	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES		NO						
VOL87	0	0.31184E-02	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES		NO						
VOL88	0	0.31184E-02	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES		NO						
VOL89	0	0.31184E-02	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES		NO						
VOL90	0	0.31184E-02	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES		NO						
VOL91	0	0.31184E-02	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES		NO						
VOL92	0	0.31184E-02	493009.6	3761326.3	677.2	5.00	31.82	1.40
YES		NO						
VOL93	0	0.31184E-02	493007.3	3761184.8	680.7	5.00	31.82	1.40
YES		NO						
VOL94	0	0.31184E-02	492989.8	3761059.4	667.2	5.00	31.82	1.40
YES		NO						
VOL95	0	0.31184E-02	493007.3	3761467.9	685.7	5.00	31.82	1.40
YES		NO						

VOL96 0 0.31184E-02 492870.9 3761328.5 683.9 5.00 31.82 1.40
YES NO
VOL97 0 0.31184E-02 492868.6 3761187.0 685.6 5.00 31.82 1.40
YES NO
VOL98 0 0.31184E-02 492851.0 3761061.6 685.9 5.00 31.82 1.40
YES NO
VOL99 0 0.31184E-02 492868.6 3761470.1 684.7 5.00 31.82 1.40
YES NO
VOL100 0 0.31184E-02 492734.4 3761330.7 695.1 5.00 31.82 1.40
YES NO
VOL101 0 0.31184E-02 492732.0 3761189.2 696.1 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL102	0	0.31184E-02	492714.5	3761063.8	701.2	5.00	31.82	1.40
YES		NO						
VOL103	0	0.31184E-02	492732.0	3761472.3	683.0	5.00	31.82	1.40
YES		NO						
VOL104	0	0.31184E-02	492600.0	3761332.9	685.1	5.00	31.82	1.40
YES		NO						
VOL105	0	0.31184E-02	492597.7	3761191.4	696.6	5.00	31.82	1.40
YES		NO						
VOL106	0	0.31184E-02	492580.2	3761066.0	698.9	5.00	31.82	1.40
YES		NO						
VOL107	0	0.31184E-02	492597.7	3761474.5	684.3	5.00	31.82	1.40
YES		NO						
VOL108	0	0.31184E-02	492460.2	3761324.7	683.3	5.00	31.82	1.40
YES		NO						
VOL109	0	0.31184E-02	492457.9	3761183.2	697.4	5.00	31.82	1.40
YES		NO						
VOL110	0	0.31184E-02	492440.3	3761057.8	691.8	5.00	31.82	1.40
YES		NO						
VOL111	0	0.31184E-02	492457.9	3761466.3	683.8	5.00	31.82	1.40
YES		NO						
VOL112	0	0.31184E-02	492547.6	3761006.4	698.0	5.00	31.82	1.40
YES		NO						
VOL113	0	0.31184E-02	492686.4	3761006.4	700.8	5.00	31.82	1.40
YES		NO						
VOL114	0	0.31184E-02	492827.3	3761010.8	686.2	5.00	31.82	1.40
YES		NO						
VOL115	0	0.31184E-02	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES		NO						
VOL116	0	0.31184E-02	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES		NO						
VOL117	0	0.31184E-02	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES		NO						
VOL118	0	0.31184E-02	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						

VOL119	0	0.31184E-02	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.31184E-02	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.31184E-02	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.31184E-02	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.31184E-02	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.31184E-02	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.31184E-02	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.31184E-02	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.31184E-02	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.31184E-02	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.31184E-02	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.31184E-02	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.31184E-02	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.31184E-02	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.31184E-02	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.31184E-02	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.31184E-02	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.31184E-02	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.31184E-02	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.31184E-02	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.31184E-02	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.31184E-02	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.31184E-02	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
- - -

VOL142	0	0.31184E-02	492058.8	3762453.2	684.2	5.00	31.82	1.40
YES		NO						
VOL143	0	0.31184E-02	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.31184E-02	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.31184E-02	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.31184E-02	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.31184E-02	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.31184E-02	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.31184E-02	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						
VOL150	0	0.31184E-02	492325.0	3761335.6	691.0	5.00	31.82	1.40
YES		NO						
VOL151	0	0.31184E-02	492322.6	3761477.1	685.4	5.00	31.82	1.40
YES		NO						
VOL152	0	0.31184E-02	492305.1	3761068.7	680.8	5.00	31.82	1.40
YES		NO						
VOL153	0	0.31184E-02	492322.6	3761194.1	682.6	5.00	31.82	1.40
YES		NO						
VOL154	0	0.31184E-02	492191.5	3761335.6	683.7	5.00	31.82	1.40
YES		NO						
VOL155	0	0.31184E-02	492189.2	3761477.1	693.8	5.00	31.82	1.40
YES		NO						
VOL156	0	0.31184E-02	492238.4	3761059.6	676.0	5.00	31.82	1.40
YES		NO						
VOL157	0	0.31184E-02	492189.2	3761194.1	677.8	5.00	31.82	1.40
YES		NO						
VOL158	0	0.31184E-02	492419.9	3760998.3	689.8	5.00	31.82	1.40
YES		NO						
VOL159	0	0.31184E-02	492111.4	3761281.5	683.5	5.00	31.82	1.40
YES		NO						
VOL160	0	0.31184E-02	492055.5	3761413.1	669.3	5.00	31.82	1.40
YES		NO						
VOL161	0	0.31184E-02	492057.3	3761515.9	682.8	5.00	31.82	1.40
YES		NO						
VOL162	0	0.31184E-02	492008.6	3761494.3	684.2	5.00	31.82	1.40
YES		NO						
VOL163	0	0.31184E-02	492014.1	3761416.7	668.3	5.00	31.82	1.40
YES		NO						
VOL164	0	0.31184E-02	492190.8	3761535.8	686.1	5.00	31.82	1.40
YES		NO						
VOL165	0	0.31184E-02	492326.1	3761519.5	681.3	5.00	31.82	1.40
YES		NO						
VOL166	0	0.31184E-02	493401.0	3761806.3	709.4	5.00	31.82	1.40
YES		NO						
VOL167	0	0.31184E-02	493514.6	3761800.9	707.0	5.00	31.82	1.40
YES		NO						
VOL168	0	0.31184E-02	491218.7	3762466.4	662.9	5.00	31.82	1.40
YES		NO						
VOL169	0	0.31184E-02	491225.9	3762334.7	670.5	5.00	31.82	1.40
YES		NO						
VOL170	0	0.31184E-02	491247.5	3762210.3	671.3	5.00	31.82	1.40
YES		NO						
VOL171	0	0.31184E-02	491083.4	3762369.0	660.6	5.00	31.82	1.40
YES		NO						
VOL172	0	0.31184E-02	491112.3	3762230.1	666.9	5.00	31.82	1.40
YES		NO						
VOL173	0	0.31184E-02	490867.0	3762534.9	630.8	5.00	31.82	1.40
YES		NO						
VOL174	0	0.31184E-02	490726.3	3762533.1	641.0	5.00	31.82	1.40
YES		NO						

VOL175 0 0.31184E-02 490347.6 3762574.6 669.2 5.00 31.82 1.40
YES NO
VOL176 0 0.31184E-02 490208.7 3762567.4 659.0 5.00 31.82 1.40
YES NO
VOL177 0 0.31184E-02 490073.4 3762509.7 648.6 5.00 31.82 1.40
YES NO
VOL178 0 0.31184E-02 489936.4 3762468.2 645.5 5.00 31.82 1.40
YES NO
VOL179 0 0.31184E-02 490425.1 3762441.2 661.4 5.00 31.82 1.40
YES NO
VOL180 0 0.31184E-02 490289.9 3762439.4 676.6 5.00 31.82 1.40
YES NO
VOL181 0 0.31184E-02 490154.6 3762435.7 660.5 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL182	0	0.31184E-02	490024.7	3762374.4	646.6	5.00	31.82	1.40	
YES		NO							
VOL183	0	0.31184E-02	490349.4	3762309.5	666.3	5.00	31.82	1.40	
YES		NO							
VOL184	0	0.31184E-02	490214.1	3762304.1	672.6	5.00	31.82	1.40	
YES		NO							
VOL185	0	0.31184E-02	490082.5	3762298.7	667.9	5.00	31.82	1.40	
YES		NO							
VOL186	0	0.31184E-02	489977.9	3762239.2	678.2	5.00	31.82	1.40	
YES		NO							
VOL187	0	0.31184E-02	489923.7	3762147.2	674.0	5.00	31.82	1.40	
YES		NO							
VOL188	0	0.31184E-02	490055.4	3762116.5	674.4	5.00	31.82	1.40	
YES		NO							
VOL189	0	0.31184E-02	490116.7	3762165.2	679.8	5.00	31.82	1.40	
YES		NO							
VOL190	0	0.31184E-02	490226.7	3762168.8	662.6	5.00	31.82	1.40	
YES		NO							
VOL191	0	0.31184E-02	490149.2	3762037.2	660.1	5.00	31.82	1.40	
YES		NO							
VOL192	0	0.31184E-02	494140.4	3761657.6	711.0	5.00	31.82	1.40	
YES		NO							
VOL193	0	0.31184E-02	494263.5	3761644.8	714.4	5.00	31.82	1.40	
YES		NO							
VOL194	0	0.31184E-02	494344.1	3761139.8	717.6	5.00	31.82	1.40	
YES		NO							
VOL195	0	0.31184E-02	494437.5	3761008.3	705.9	5.00	31.82	1.40	
YES		NO							
VOL196	0	0.31184E-02	494571.2	3761052.8	712.5	5.00	31.82	1.40	
YES		NO							
VOL197	0	0.31184E-02	494431.1	3761139.8	722.3	5.00	31.82	1.40	
YES		NO							

VOL198	0	0.31184E-02	494429.0	3761224.7	720.2	5.00	31.82	1.40	
YES		NO							
VOL199	0	0.31184E-02	494569.1	3761184.4	716.6	5.00	31.82	1.40	
YES		NO							
VOL200	0	0.31184E-02	491355.9	3762468.8	684.9	5.00	31.82	1.40	
YES		NO							
VOL201	0	0.31184E-02	491355.9	3762339.3	685.0	5.00	31.82	1.40	
YES		NO							
VOL202	0	0.31184E-02	491477.0	3762439.5	673.5	5.00	31.82	1.40	
YES		NO							
VOL203	0	0.31184E-02	492654.6	3762000.7	693.4	5.00	31.82	1.40	
YES		NO							
VOL204	0	0.31184E-02	492789.0	3762024.0	698.2	5.00	31.82	1.40	
YES		NO							
VOL205	0	0.31184E-02	492859.9	3762014.8	699.4	5.00	31.82	1.40	
YES		NO							
VOL206	0	0.31184E-02	492855.7	3761893.6	694.7	5.00	31.82	1.40	
YES		NO							
VOL207	0	0.31184E-02	492848.7	3761753.0	689.6	5.00	31.82	1.40	
YES		NO							
VOL208	0	0.31184E-02	492716.4	3761750.2	694.9	5.00	31.82	1.40	
YES		NO							
VOL209	0	0.31184E-02	492768.0	3761883.9	694.8	5.00	31.82	1.40	
YES		NO							
VOL210	0	0.31184E-02	493508.5	3761601.1	708.9	5.00	31.82	1.40	
YES		NO							
VOL211	0	0.31184E-02	493505.2	3761466.7	686.8	5.00	31.82	1.40	
YES		NO							
VOL212	0	0.31184E-02	493510.2	3761332.4	683.2	5.00	31.82	1.40	
YES		NO							
VOL213	0	0.31184E-02	493492.1	3761227.5	682.8	5.00	31.82	1.40	
YES		NO							
VOL214	0	0.31184E-02	493597.0	3761463.4	690.2	5.00	31.82	1.40	
YES		NO							
VOL215	0	0.31184E-02	493616.7	3761335.6	681.8	5.00	31.82	1.40	
YES		NO							
VOL216	0	0.31184E-02	490886.0	3761758.3	670.2	5.00	31.82	1.40	
YES		NO							
VOL217	0	0.31184E-02	490872.5	3761650.4	671.5	5.00	31.82	1.40	
YES		NO							
VOL218	0	0.31184E-02	490756.9	3761795.0	659.5	5.00	31.82	1.40	
YES		NO							
VOL219	0	0.31184E-02	490743.4	3761679.3	673.1	5.00	31.82	1.40	
YES		NO							
VOL220	0	0.31184E-02	490701.0	3761902.9	656.2	5.00	31.82	1.40	
YES		NO							
VOL221	0	0.31184E-02	490564.1	3761870.1	665.2	5.00	31.82	1.40	
YES		NO							

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
SOURCE ID	CATS.								

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VOL222	0	0.31184E-02	490431.1	3761864.4	673.6	5.00	31.82	1.40
YES		NO						
VOL223	0	0.31184E-02	490332.8	3761829.7	675.2	5.00	31.82	1.40
YES		NO						
VOL224	0	0.31184E-02	490307.8	3761733.3	676.1	5.00	31.82	1.40
YES		NO						
VOL225	0	0.31184E-02	490448.5	3761725.6	677.0	5.00	31.82	1.40
YES		NO						
VOL226	0	0.31184E-02	490577.6	3761733.3	674.4	5.00	31.82	1.40
YES		NO						
VOL227	0	0.31184E-02	490668.2	3761773.8	666.8	5.00	31.82	1.40
YES		NO						
VOL228	0	0.31184E-02	490074.5	3761694.7	668.0	5.00	31.82	1.40
YES		NO						
VOL229	0	0.31184E-02	490084.2	3761548.2	673.3	5.00	31.82	1.40
YES		NO						
VOL230	0	0.31184E-02	489947.3	3761532.8	673.8	5.00	31.82	1.40
YES		NO						
VOL231	0	0.31184E-02	489812.4	3761476.9	667.9	5.00	31.82	1.40
YES		NO						
VOL232	0	0.31184E-02	489739.1	3761488.5	668.5	5.00	31.82	1.40
YES		NO						
VOL233	0	0.31184E-02	490205.6	3761627.3	670.8	5.00	31.82	1.40
YES		NO						
VOL235	0	0.31184E-02	490014.8	3761714.0	660.8	5.00	31.82	1.40
YES		NO						
VOL236	0	0.31184E-02	489798.9	3762429.1	665.9	5.00	31.82	1.40
YES		NO						
VOL237	0	0.31184E-02	489681.3	3762438.8	667.2	5.00	31.82	1.40
YES		NO						
VOL238	0	0.31184E-02	489671.7	3762305.8	664.8	5.00	31.82	1.40
YES		NO						
VOL239	0	0.31184E-02	489808.5	3762305.8	670.4	5.00	31.82	1.40
YES		NO						
VOL240	0	0.31184E-02	489904.9	3762334.7	671.7	5.00	31.82	1.40
YES		NO						
VOL241	0	0.31184E-02	489845.1	3762168.9	672.3	5.00	31.82	1.40
YES		NO						
VOL242	0	0.31184E-02	489708.3	3762170.8	682.2	5.00	31.82	1.40
YES		NO						
VOL243	0	0.31184E-02	489669.7	3762165.0	678.8	5.00	31.82	1.40
YES		NO						
VOL244	0	0.31184E-02	489662.0	3762032.1	681.2	5.00	31.82	1.40
YES		NO						
VOL245	0	0.31184E-02	489802.7	3762032.1	676.7	5.00	31.82	1.40
YES		NO						
VOL246	0	0.31184E-02	489941.5	3762008.9	669.3	5.00	31.82	1.40
YES		NO						
VOL247	0	0.31184E-02	490036.0	3761981.9	670.4	5.00	31.82	1.40
YES		NO						
VOL248	0	0.31184E-02	490009.0	3761843.2	663.4	5.00	31.82	1.40
YES		NO						
VOL249	0	0.31184E-02	489899.1	3761875.9	660.1	5.00	31.82	1.40
YES		NO						
VOL250	0	0.31184E-02	489808.5	3761895.2	671.5	5.00	31.82	1.40
YES		NO						
VOL251	0	0.31184E-02	489669.7	3761889.4	668.6	5.00	31.82	1.40
YES		NO						
VOL252	0	0.31184E-02	489866.3	3761787.3	661.2	5.00	31.82	1.40
YES		NO						
VOL253	0	0.31184E-02	489725.6	3761785.3	669.0	5.00	31.82	1.40
YES		NO						
VOL254	0	0.31184E-02	490479.5	3762532.8	635.8	5.00	31.82	1.40
YES		NO						

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 VOL255          0   0.31184E-02  490599.4 3762518.8   626.8     5.00    31.82     1.40
 YES                   NO
 VOL256          0   0.31184E-02  490971.6 3762447.1   635.5     5.00    31.82     1.40
 YES                   NO
 VOL257          0   0.31184E-02  491089.9 3762468.9   663.0     5.00    31.82     1.40
 YES                   NO
 VOL258          0   0.31184E-02  491006.0 3761570.2   677.5     5.00    31.82     1.40
 YES                   NO
 VOL259          0   0.31184E-02  491143.1 3761571.7   657.8     5.00    31.82     1.40
 YES                   NO
 VOL260          0   0.31184E-02  491278.5 3761567.1   669.7     5.00    31.82     1.40
 YES                   NO
 VOL261          0   0.31184E-02  493581.7 3761666.7   707.1     5.00    31.82     1.40
 YES                   NO
 VOL262          0   0.31184E-02  493594.1 3761563.9   684.0     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:30:18

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL263          0   0.31184E-02  494462.9 3760869.0   700.3     5.00    31.82     1.40
 YES                   NO
 VOL264          0   0.31184E-02  493760.1 3760912.3   681.9     5.00    31.82     1.40
 YES                   NO
 VOL265          0   0.31184E-02  492959.0 3761011.0   668.8     5.00    31.82     1.40
 YES                   NO
 VOL266          0   0.31184E-02  491541.7 3762540.3   681.6     5.00    31.82     1.40
 YES                   NO
 VOL267          0   0.31184E-02  492117.1 3761843.8   682.3     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:30:18

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,

             VOL12       , VOL16       , VOL17       , VOL18       , VOL19       , VOL20       ,
             VOL21       , VOL22       ,
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            VOL23       , VOL24       , VOL25       , VOL26       , VOL30       , VOL31       ,
            VOL35       , VOL36       ,

            VOL37       , VOL46       , VOL47       , VOL48       , VOL49       , VOL50       ,
            VOL51       , VOL52       ,

            VOL53       , VOL54       , VOL55       , VOL56       , VOL57       , VOL58       ,
            VOL59       , VOL60       ,

            VOL61       , VOL62       , VOL63       , VOL64       , VOL65       , VOL66       ,
            VOL67       , VOL68       ,

            VOL69       , VOL70       , VOL71       , VOL72       , VOL74       , VOL75       ,
            VOL76       , VOL77       ,

            VOL78       , VOL79       , VOL80       , VOL81       , VOL82       , VOL83       ,
            VOL84       , VOL85       ,

            VOL86       , VOL87       , VOL88       , VOL89       , VOL90       , VOL91       ,
            VOL92       , VOL93       ,

            VOL94       , VOL95       , VOL96       , VOL97       , VOL98       , VOL99       ,
            VOL100      , VOL101      ,

            VOL102      , VOL103      , VOL104      , VOL105      , VOL106      , VOL107      ,
            VOL108      , VOL109      ,

            VOL110      , VOL111      , VOL112      , VOL113      , VOL114      , VOL115      ,
            VOL116      , VOL117      ,

            VOL118      , VOL119      , VOL120      , VOL121      , VOL122      , VOL123      ,
            VOL124      , VOL125      ,

            VOL126      , VOL127      , VOL128      , VOL129      , VOL130      , VOL131      ,
            VOL132      , VOL133      ,

            VOL134      , VOL135      , VOL136      , VOL137      , VOL138      , VOL139      ,
            VOL140      , VOL141      ,

            VOL142      , VOL143      , VOL144      , VOL145      , VOL146      , VOL147      ,
            VOL148      , VOL149      ,

            VOL150      , VOL151      , VOL152      , VOL153      , VOL154      , VOL155      ,
            VOL156      , VOL157      ,

            VOL158      , VOL159      , VOL160      , VOL161      , VOL162      , VOL163      ,
            VOL164      , VOL165      ,

            VOL166      , VOL167      , VOL168      , VOL169      , VOL170      , VOL171      ,
            VOL172      , VOL173      ,

            VOL174      , VOL175      , VOL176      , VOL177      , VOL178      , VOL179      ,
            VOL180      , VOL181      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       14:30:18

                    PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                        SOURCE IDs
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VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 ,
VOL212 , VOL213 ,

VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 ,
VOL220 , VOL221 ,

VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 ,
VOL228 , VOL229 ,

VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 ,
VOL237 , VOL238 ,

VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 ,
VOL245 , VOL246 ,

VOL247 , VOL248 , VOL249 , VOL250 , VOL251 , VOL252 ,
VOL253 , VOL254 ,

VOL255 , VOL256 , VOL257 , VOL258 , VOL259 , VOL260 ,
VOL261 , VOL262 ,

VOL263 , VOL264 , VOL265 , VOL266 , VOL267 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
		VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 ,

VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
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(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
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(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
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(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,

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(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
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(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
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(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
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(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
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(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
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(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
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588.4, 687.0, 2.0);
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(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
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(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.9, 3762203.2, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90

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 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:30:18

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                               VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                  VOL17       , VOL18       , VOL19       ,
                  VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                  VOL25       , VOL26       , VOL30       ,
                  VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                  VOL47       , VOL48       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF NOX      IN
                                      MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        4.97313  (13072306)               493409.97
       3761986.39        5.02897  (13072306)
       493417.46   3761972.99        5.07517  (13072306)               493468.31
       3761958.40        4.95806  (13072306)
       493499.84   3761947.37        4.90602  (13072306)               493614.36
       3761892.81        4.67041  (13072306)
       493613.66   3761905.05        4.63919  (13072306)               493614.36
       3761917.12        4.58927  (13072306)
       493614.36   3761927.44        4.55290  (13072306)               493613.31
       3761940.20        4.51399  (13072306)
       493616.46   3761952.10        4.46276  (13072306)               493615.23
       3761961.71        4.43543  (13072306)
       493614.53   3761973.78        4.39894  (13072306)               493614.01
       3761984.98        4.36328  (13072306)
       493613.66   3761996.52        4.33070  (13072306)               493614.18
       3762007.36        4.29933  (13072306)
       493615.76   3762018.56        4.26452  (13072306)               493614.71
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      3762025.73        4.24560  (13072306)
493614.36   3762035.00        4.21908  (13072306)                493613.13
      3762043.74        4.19681  (13072306)
493613.66   3762052.14        4.17088  (13072306)                493613.83
      3762061.58        4.14307  (13072306)
493614.18   3762071.55        4.11394  (13072306)                493696.46
      3761742.53        4.56350  (13090106)
493707.35   3761768.92        4.41124  (13090106)                493727.98
      3761742.80        4.58741  (12072023)
493755.61   3761733.69        4.81526  (12072023)                493750.48
      3761720.58        4.74314  (12072023)
493745.92   3761709.48        4.71723  (13082402)                493741.37
      3761696.95        4.73080  (13082402)
493738.52   3761681.00        4.77601  (13082402)                493737.38
      3761663.91        4.88321  (13082402)
493736.52   3761651.38        4.89510  (13082402)                494418.08
      3761416.13        5.50853  (12072023)
494473.73   3761368.11        5.45115  (12091721)                494939.85
      3761394.35        3.79182  (12091721)
494686.37   3761403.42        4.30462  (13072306)                494575.98
      3761568.60        4.16599  (12082722)
494541.49   3761602.79        4.26485  (13070724)                494822.53
      3761435.24        3.82014  (12082722)
494846.18   3761504.63        3.65206  (13070724)                494841.06
      3761535.78        3.61263  (13070724)
494837.90   3761553.12        3.58640  (13070724)                494885.61
      3761199.09        4.36880  (12072023)
494976.68   3761325.65        4.03480  (13072306)                494985.35
      3761366.25        3.85041  (13072306)
495070.90   3761299.23        3.63766  (12091721)                495115.47
      3760632.60        4.50074  (12080101)
495069.03   3760685.30        4.64907  (12052922)                495087.55
      3760728.31        4.72671  (12091206)
495079.90   3760834.52        4.88791  (13090105)                495202.38
      3760883.65        4.70653  (13090105)
495237.63   3760939.31        4.66048  (12090520)                495298.45
      3761048.56        4.33580  (12081902)
490844.43   3759375.83        0.43860  (14012117)                490895.79
      3759357.70        0.43831  (14012117)
490596.67   3759246.67        0.39915  (14012117)                489103.59
      3759859.22        0.35244  (14021304)
488940.48   3759893.26        0.34663  (14021304)                488472.34
      3759865.64        0.33508  (14021304)
488432.53   3759884.27        0.33637  (14021304)                488713.15
      3759827.76        0.33565  (14021304)
487562.29   3760285.62        0.37839  (14090307)                487809.35
      3760420.86        0.39489  (14090307)
487553.10   3761208.24        0.46285  (12012824)                487899.76
      3760972.40        0.46701  (12012822)
487983.18   3762301.23        0.66315  (14022723)                487913.66
      3762403.25        0.64457  (14022723)
487890.59   3762238.09        0.63028  (13010807)                488190.14
      3762513.88        0.69145  (14022723)
488424.39   3762586.51        0.75424  (14011323)                488657.54
      3762495.87        0.86164  (12010119)
488908.17   3762583.23        0.98501  (12010119)                489170.26
      3762660.77        1.11438  (13030722)
489382.17   3762809.64        1.11432  (14120316)                489294.91
      3762783.65        1.09634  (14120316)
489889.72   3762661.22        2.15665  (14012117)                490022.93
      3762783.29        1.65127  (14012117)
490423.96   3762839.25        1.65193  (14012117)                490375.94
      3762870.37        1.56419  (14012117)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.92237	(14012117)	491132.33	3762903.51	1.61756	(14012117)
492890.92	3762203.25	5.17157	(12080922)	492961.55	3762258.51	4.68101	(13090721)
493033.99	3762272.60	5.17391	(13072306)	493032.31	3762205.18	5.12421	(13072306)
493087.32	3762215.25	5.03134	(13072306)	493079.94	3762296.41	4.84382	(12080206)
493163.79	3762367.18	3.71743	(12081001)	493068.87	3762510.05	3.79584	(12080206)
493101.07	3762454.71	4.05390	(12091923)	493281.84	3762369.19	4.02231	(12100622)
493351.51	3762095.42	4.67877	(13072306)	493439.48	3762105.84	4.43051	(13072306)
493972.90	3763044.23	2.27454	(13083102)	493957.03	3763184.09	2.20061	(13083102)
493583.55	3763480.45	1.77997	(13083103)	493258.47	3763568.15	1.53670	(13070822)
492895.78	3763485.72	1.26239	(12100724)	493781.01	3761659.05	5.46669	(12090520)
493797.63	3761658.35	5.42222	(13090106)	493831.94	3761631.47	5.33770	(12090520)
493900.20	3761664.01	5.04466	(13090106)	493918.59	3761666.13	4.99132	(13090106)
493929.55	3761662.24	4.97632	(13090106)	493945.82	3761667.90	4.90657	(13090106)
493758.37	3761524.30	5.76041	(12080801)	493961.03	3761672.85	4.83414	(13090106)
493975.18	3761679.57	4.80230	(12081902)	493987.55	3761687.70	4.75091	(12081902)
493998.87	3761697.25	4.70496	(12081902)	494007.71	3761707.51	4.65968	(13070724)
494016.91	3761718.12	4.58740	(13070724)	494024.69	3761730.85	4.56106	(12091721)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH	1ST HIGH VALUE IS 5.76041	ON 12080801: AT (493758.37, 3761524.30, 724.76, 724.76, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24

*** AERMET - VERSION 16216 ***

*** *** 14:30:18

PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 553 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 553 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Ops PM10\15218
Ph4 Ops PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Ops PM10.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
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   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
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   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
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   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL248	VOLUME	490008.985	3761843.155	663.360

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   LOCATION VOL257       VOLUME     491089.913  3762468.925      662.980
   LOCATION VOL258       VOLUME     491006.037  3761570.166      677.530
   LOCATION VOL259       VOLUME     491143.071  3761571.723      657.760
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   LOCATION VOL267       VOLUME     492117.145  3761843.767      682.340
** Source Parameters **
   SRCPARAM VOL4         0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL5         0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL6         0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL7         0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL8         0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL9         0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL10        0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL11        0.0030819082     5.000    31.816     1.400
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   SRCPARAM VOL24        0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL25        0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL26        0.0030819082     5.000    31.816     1.400
   SRCPARAM VOL30        0.0030819082     5.000    31.816     1.400
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SRCPARAM VOL192       0.0030819082     5.000    31.816     1.400
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SRCPARAM VOL201       0.0030819082     5.000    31.816     1.400
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SRCPARAM VOL217       0.0030819082     5.000    31.816     1.400
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SRCPARAM VOL219       0.0030819082     5.000    31.816     1.400
SRCPARAM VOL220       0.0030819082     5.000    31.816     1.400
SRCPARAM VOL221       0.0030819082     5.000    31.816     1.400
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SRCPARAM VOL264       0.0030819082     5.000    31.816     1.400
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   SRCPARAM VOL267       0.0030819082     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED "15218 Ph4 Ops PM10.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
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**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
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** AERMOD Output Pathway
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**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH4 OPS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph4 Ops PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     553       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     553       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph4 Ops
PM10.err
**File for Summary of Results: 15218 Ph4 Ops
PM10.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE CATS.	EMISSION RATE EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN PART. SCALAR VARY BY
VOL4	0	0.30819E-02	492797.1	3762283.9	695.0	5.00	31.82	1.40	YES	NO
VOL5	0	0.30819E-02	493197.6	3761815.0	710.4	5.00	31.82	1.40	YES	NO
VOL6	0	0.30819E-02	492524.0	3762265.1	688.3	5.00	31.82	1.40	YES	NO
VOL7	0	0.30819E-02	492388.1	3762262.6	696.8	5.00	31.82	1.40	YES	NO
VOL8	0	0.30819E-02	492254.8	3762271.8	683.2	5.00	31.82	1.40	YES	NO
VOL9	0	0.30819E-02	493145.9	3761467.1	686.4	5.00	31.82	1.40	YES	NO
VOL10	0	0.30819E-02	493285.0	3761471.8	687.9	5.00	31.82	1.40	YES	NO
VOL11	0	0.30819E-02	493368.3	3761535.2	695.0	5.00	31.82	1.40	YES	NO
VOL12	0	0.30819E-02	493510.0	3761002.1	674.8	5.00	31.82	1.40	YES	NO
VOL16	0	0.30819E-02	492659.4	3762267.1	695.9	5.00	31.82	1.40	YES	NO
VOL17	0	0.30819E-02	493185.4	3761712.2	707.4	5.00	31.82	1.40	YES	NO
VOL18	0	0.30819E-02	491986.2	3762340.0	678.9	5.00	31.82	1.40	YES	NO
VOL19	0	0.30819E-02	491843.1	3762383.8	670.7	5.00	31.82	1.40	YES	NO
VOL20	0	0.30819E-02	492118.5	3762307.8	682.7	5.00	31.82	1.40	YES	NO
VOL21	0	0.30819E-02	493148.2	3761325.5	685.0	5.00	31.82	1.40	YES	NO
VOL22	0	0.30819E-02	493285.0	3761332.6	690.3	5.00	31.82	1.40	YES	NO
VOL23	0	0.30819E-02	493368.3	3761393.7	681.0	5.00	31.82	1.40	YES	NO
VOL24	0	0.30819E-02	493874.8	3761274.2	695.9	5.00	31.82	1.40	YES	NO

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 VOL25            0   0.30819E-02  494008.7 3761247.0   701.2     5.00    31.82     1.40
 YES                    NO
 VOL26            0   0.30819E-02  494137.7 3761246.0   721.6     5.00    31.82     1.40
 YES                    NO
 VOL30            0   0.30819E-02  493263.0 3761716.6   705.5     5.00    31.82     1.40
 YES                    NO
 VOL31            0   0.30819E-02  493268.3 3761811.5   710.9     5.00    31.82     1.40
 YES                    NO
 VOL35            0   0.30819E-02  493145.9 3761184.0   686.7     5.00    31.82     1.40
 YES                    NO
 VOL36            0   0.30819E-02  493287.4 3761193.4   698.1     5.00    31.82     1.40
 YES                    NO
 VOL37            0   0.30819E-02  493373.0 3761252.2   680.9     5.00    31.82     1.40
 YES                    NO
 VOL46            0   0.30819E-02  493128.3 3761058.6   681.0     5.00    31.82     1.40
 YES                    NO
 VOL47            0   0.30819E-02  493228.4 3761082.6   683.1     5.00    31.82     1.40
 YES                    NO
 VOL48            0   0.30819E-02  493354.1 3761167.3   672.4     5.00    31.82     1.40
 YES                    NO
 VOL49            0   0.30819E-02  493730.8 3761261.8   682.1     5.00    31.82     1.40
 YES                    NO
 VOL50            0   0.30819E-02  493622.3 3761120.3   685.5     5.00    31.82     1.40
 YES                    NO
 VOL51            0   0.30819E-02  493605.8 3760987.0   697.6     5.00    31.82     1.40
 YES                    NO
 VOL52            0   0.30819E-02  493754.4 3761122.7   701.4     5.00    31.82     1.40
 YES                    NO
 VOL53            0   0.30819E-02  493888.9 3761136.8   695.4     5.00    31.82     1.40
 YES                    NO
 VOL54            0   0.30819E-02  494028.0 3761118.0   705.9     5.00    31.82     1.40
 YES                    NO
 VOL55            0   0.30819E-02  494162.5 3761118.0   703.1     5.00    31.82     1.40
 YES                    NO
 VOL56            0   0.30819E-02  494212.0 3761120.3   695.8     5.00    31.82     1.40
 YES                    NO
 VOL57            0   0.30819E-02  493747.3 3760981.2   688.8     5.00    31.82     1.40
 YES                    NO
 VOL58            0   0.30819E-02  493888.9 3760995.3   684.8     5.00    31.82     1.40
 YES                    NO
 VOL59            0   0.30819E-02  493884.1 3760901.0   683.2     5.00    31.82     1.40
 YES                    NO
 VOL60            0   0.30819E-02  494032.8 3760981.2   693.3     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:00

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL61            0   0.30819E-02  494025.7 3760901.0   694.7     5.00    31.82     1.40
 YES                    NO
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VOL62	0	0.30819E-02	494174.3	3760981.2	692.9	5.00	31.82	1.40
YES		NO						
VOL63	0	0.30819E-02	494301.7	3760992.9	697.0	5.00	31.82	1.40
YES		NO						
VOL64	0	0.30819E-02	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.30819E-02	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.30819E-02	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.30819E-02	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.30819E-02	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.30819E-02	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.30819E-02	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.30819E-02	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.30819E-02	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL74	0	0.30819E-02	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.30819E-02	491917.1	3762126.5	686.3	5.00	31.82	1.40
YES		NO						
VOL76	0	0.30819E-02	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES		NO						
VOL77	0	0.30819E-02	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES		NO						
VOL78	0	0.30819E-02	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES		NO						
VOL79	0	0.30819E-02	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES		NO						
VOL80	0	0.30819E-02	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES		NO						
VOL81	0	0.30819E-02	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES		NO						
VOL82	0	0.30819E-02	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES		NO						
VOL83	0	0.30819E-02	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES		NO						
VOL84	0	0.30819E-02	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES		NO						
VOL85	0	0.30819E-02	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES		NO						
VOL86	0	0.30819E-02	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES		NO						
VOL87	0	0.30819E-02	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES		NO						
VOL88	0	0.30819E-02	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES		NO						
VOL89	0	0.30819E-02	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES		NO						
VOL90	0	0.30819E-02	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES		NO						
VOL91	0	0.30819E-02	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES		NO						
VOL92	0	0.30819E-02	493009.6	3761326.3	677.2	5.00	31.82	1.40
YES		NO						
VOL93	0	0.30819E-02	493007.3	3761184.8	680.7	5.00	31.82	1.40
YES		NO						
VOL94	0	0.30819E-02	492989.8	3761059.4	667.2	5.00	31.82	1.40
YES		NO						
VOL95	0	0.30819E-02	493007.3	3761467.9	685.7	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL96	0	0.30819E-02	492870.9	3761328.5	683.9	5.00	31.82	1.40
YES		NO						
VOL97	0	0.30819E-02	492868.6	3761187.0	685.6	5.00	31.82	1.40
YES		NO						
VOL98	0	0.30819E-02	492851.0	3761061.6	685.9	5.00	31.82	1.40
YES		NO						
VOL99	0	0.30819E-02	492868.6	3761470.1	684.7	5.00	31.82	1.40
YES		NO						
VOL100	0	0.30819E-02	492734.4	3761330.7	695.1	5.00	31.82	1.40
YES		NO						
VOL101	0	0.30819E-02	492732.0	3761189.2	696.1	5.00	31.82	1.40
YES		NO						
VOL102	0	0.30819E-02	492714.5	3761063.8	701.2	5.00	31.82	1.40
YES		NO						
VOL103	0	0.30819E-02	492732.0	3761472.3	683.0	5.00	31.82	1.40
YES		NO						
VOL104	0	0.30819E-02	492600.0	3761332.9	685.1	5.00	31.82	1.40
YES		NO						
VOL105	0	0.30819E-02	492597.7	3761191.4	696.6	5.00	31.82	1.40
YES		NO						
VOL106	0	0.30819E-02	492580.2	3761066.0	698.9	5.00	31.82	1.40
YES		NO						
VOL107	0	0.30819E-02	492597.7	3761474.5	684.3	5.00	31.82	1.40
YES		NO						
VOL108	0	0.30819E-02	492460.2	3761324.7	683.3	5.00	31.82	1.40
YES		NO						
VOL109	0	0.30819E-02	492457.9	3761183.2	697.4	5.00	31.82	1.40
YES		NO						
VOL110	0	0.30819E-02	492440.3	3761057.8	691.8	5.00	31.82	1.40
YES		NO						
VOL111	0	0.30819E-02	492457.9	3761466.3	683.8	5.00	31.82	1.40
YES		NO						
VOL112	0	0.30819E-02	492547.6	3761006.4	698.0	5.00	31.82	1.40
YES		NO						
VOL113	0	0.30819E-02	492686.4	3761006.4	700.8	5.00	31.82	1.40
YES		NO						
VOL114	0	0.30819E-02	492827.3	3761010.8	686.2	5.00	31.82	1.40
YES		NO						
VOL115	0	0.30819E-02	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES		NO						
VOL116	0	0.30819E-02	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES		NO						
VOL117	0	0.30819E-02	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES		NO						
VOL118	0	0.30819E-02	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						

VOL119	0	0.30819E-02	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.30819E-02	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.30819E-02	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.30819E-02	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.30819E-02	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.30819E-02	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.30819E-02	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.30819E-02	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.30819E-02	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.30819E-02	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.30819E-02	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.30819E-02	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.30819E-02	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.30819E-02	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.30819E-02	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.30819E-02	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.30819E-02	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.30819E-02	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.30819E-02	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.30819E-02	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.30819E-02	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.30819E-02	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.30819E-02	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
- - -

VOL142	0	0.30819E-02	492058.8	3762453.2	684.2	5.00	31.82	1.40
YES		NO						
VOL143	0	0.30819E-02	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.30819E-02	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.30819E-02	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.30819E-02	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.30819E-02	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.30819E-02	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.30819E-02	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						
VOL150	0	0.30819E-02	492325.0	3761335.6	691.0	5.00	31.82	1.40
YES		NO						
VOL151	0	0.30819E-02	492322.6	3761477.1	685.4	5.00	31.82	1.40
YES		NO						
VOL152	0	0.30819E-02	492305.1	3761068.7	680.8	5.00	31.82	1.40
YES		NO						
VOL153	0	0.30819E-02	492322.6	3761194.1	682.6	5.00	31.82	1.40
YES		NO						
VOL154	0	0.30819E-02	492191.5	3761335.6	683.7	5.00	31.82	1.40
YES		NO						
VOL155	0	0.30819E-02	492189.2	3761477.1	693.8	5.00	31.82	1.40
YES		NO						
VOL156	0	0.30819E-02	492238.4	3761059.6	676.0	5.00	31.82	1.40
YES		NO						
VOL157	0	0.30819E-02	492189.2	3761194.1	677.8	5.00	31.82	1.40
YES		NO						
VOL158	0	0.30819E-02	492419.9	3760998.3	689.8	5.00	31.82	1.40
YES		NO						
VOL159	0	0.30819E-02	492111.4	3761281.5	683.5	5.00	31.82	1.40
YES		NO						
VOL160	0	0.30819E-02	492055.5	3761413.1	669.3	5.00	31.82	1.40
YES		NO						
VOL161	0	0.30819E-02	492057.3	3761515.9	682.8	5.00	31.82	1.40
YES		NO						
VOL162	0	0.30819E-02	492008.6	3761494.3	684.2	5.00	31.82	1.40
YES		NO						
VOL163	0	0.30819E-02	492014.1	3761416.7	668.3	5.00	31.82	1.40
YES		NO						
VOL164	0	0.30819E-02	492190.8	3761535.8	686.1	5.00	31.82	1.40
YES		NO						
VOL165	0	0.30819E-02	492326.1	3761519.5	681.3	5.00	31.82	1.40
YES		NO						
VOL166	0	0.30819E-02	493401.0	3761806.3	709.4	5.00	31.82	1.40
YES		NO						
VOL167	0	0.30819E-02	493514.6	3761800.9	707.0	5.00	31.82	1.40
YES		NO						
VOL168	0	0.30819E-02	491218.7	3762466.4	662.9	5.00	31.82	1.40
YES		NO						
VOL169	0	0.30819E-02	491225.9	3762334.7	670.5	5.00	31.82	1.40
YES		NO						
VOL170	0	0.30819E-02	491247.5	3762210.3	671.3	5.00	31.82	1.40
YES		NO						
VOL171	0	0.30819E-02	491083.4	3762369.0	660.6	5.00	31.82	1.40
YES		NO						
VOL172	0	0.30819E-02	491112.3	3762230.1	666.9	5.00	31.82	1.40
YES		NO						
VOL173	0	0.30819E-02	490867.0	3762534.9	630.8	5.00	31.82	1.40
YES		NO						
VOL174	0	0.30819E-02	490726.3	3762533.1	641.0	5.00	31.82	1.40
YES		NO						

VOL175 0 0.30819E-02 490347.6 3762574.6 669.2 5.00 31.82 1.40
YES NO
VOL176 0 0.30819E-02 490208.7 3762567.4 659.0 5.00 31.82 1.40
YES NO
VOL177 0 0.30819E-02 490073.4 3762509.7 648.6 5.00 31.82 1.40
YES NO
VOL178 0 0.30819E-02 489936.4 3762468.2 645.5 5.00 31.82 1.40
YES NO
VOL179 0 0.30819E-02 490425.1 3762441.2 661.4 5.00 31.82 1.40
YES NO
VOL180 0 0.30819E-02 490289.9 3762439.4 676.6 5.00 31.82 1.40
YES NO
VOL181 0 0.30819E-02 490154.6 3762435.7 660.5 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL182	0	0.30819E-02	490024.7	3762374.4	646.6	5.00	31.82	1.40	
YES		NO							
VOL183	0	0.30819E-02	490349.4	3762309.5	666.3	5.00	31.82	1.40	
YES		NO							
VOL184	0	0.30819E-02	490214.1	3762304.1	672.6	5.00	31.82	1.40	
YES		NO							
VOL185	0	0.30819E-02	490082.5	3762298.7	667.9	5.00	31.82	1.40	
YES		NO							
VOL186	0	0.30819E-02	489977.9	3762239.2	678.2	5.00	31.82	1.40	
YES		NO							
VOL187	0	0.30819E-02	489923.7	3762147.2	674.0	5.00	31.82	1.40	
YES		NO							
VOL188	0	0.30819E-02	490055.4	3762116.5	674.4	5.00	31.82	1.40	
YES		NO							
VOL189	0	0.30819E-02	490116.7	3762165.2	679.8	5.00	31.82	1.40	
YES		NO							
VOL190	0	0.30819E-02	490226.7	3762168.8	662.6	5.00	31.82	1.40	
YES		NO							
VOL191	0	0.30819E-02	490149.2	3762037.2	660.1	5.00	31.82	1.40	
YES		NO							
VOL192	0	0.30819E-02	494140.4	3761657.6	711.0	5.00	31.82	1.40	
YES		NO							
VOL193	0	0.30819E-02	494263.5	3761644.8	714.4	5.00	31.82	1.40	
YES		NO							
VOL194	0	0.30819E-02	494344.1	3761139.8	717.6	5.00	31.82	1.40	
YES		NO							
VOL195	0	0.30819E-02	494437.5	3761008.3	705.9	5.00	31.82	1.40	
YES		NO							
VOL196	0	0.30819E-02	494571.2	3761052.8	712.5	5.00	31.82	1.40	
YES		NO							
VOL197	0	0.30819E-02	494431.1	3761139.8	722.3	5.00	31.82	1.40	
YES		NO							

VOL198	0	0.30819E-02	494429.0	3761224.7	720.2	5.00	31.82	1.40
YES		NO						
VOL199	0	0.30819E-02	494569.1	3761184.4	716.6	5.00	31.82	1.40
YES		NO						
VOL200	0	0.30819E-02	491355.9	3762468.8	684.9	5.00	31.82	1.40
YES		NO						
VOL201	0	0.30819E-02	491355.9	3762339.3	685.0	5.00	31.82	1.40
YES		NO						
VOL202	0	0.30819E-02	491477.0	3762439.5	673.5	5.00	31.82	1.40
YES		NO						
VOL203	0	0.30819E-02	492654.6	3762000.7	693.4	5.00	31.82	1.40
YES		NO						
VOL204	0	0.30819E-02	492789.0	3762024.0	698.2	5.00	31.82	1.40
YES		NO						
VOL205	0	0.30819E-02	492859.9	3762014.8	699.4	5.00	31.82	1.40
YES		NO						
VOL206	0	0.30819E-02	492855.7	3761893.6	694.7	5.00	31.82	1.40
YES		NO						
VOL207	0	0.30819E-02	492848.7	3761753.0	689.6	5.00	31.82	1.40
YES		NO						
VOL208	0	0.30819E-02	492716.4	3761750.2	694.9	5.00	31.82	1.40
YES		NO						
VOL209	0	0.30819E-02	492768.0	3761883.9	694.8	5.00	31.82	1.40
YES		NO						
VOL210	0	0.30819E-02	493508.5	3761601.1	708.9	5.00	31.82	1.40
YES		NO						
VOL211	0	0.30819E-02	493505.2	3761466.7	686.8	5.00	31.82	1.40
YES		NO						
VOL212	0	0.30819E-02	493510.2	3761332.4	683.2	5.00	31.82	1.40
YES		NO						
VOL213	0	0.30819E-02	493492.1	3761227.5	682.8	5.00	31.82	1.40
YES		NO						
VOL214	0	0.30819E-02	493597.0	3761463.4	690.2	5.00	31.82	1.40
YES		NO						
VOL215	0	0.30819E-02	493616.7	3761335.6	681.8	5.00	31.82	1.40
YES		NO						
VOL216	0	0.30819E-02	490886.0	3761758.3	670.2	5.00	31.82	1.40
YES		NO						
VOL217	0	0.30819E-02	490872.5	3761650.4	671.5	5.00	31.82	1.40
YES		NO						
VOL218	0	0.30819E-02	490756.9	3761795.0	659.5	5.00	31.82	1.40
YES		NO						
VOL219	0	0.30819E-02	490743.4	3761679.3	673.1	5.00	31.82	1.40
YES		NO						
VOL220	0	0.30819E-02	490701.0	3761902.9	656.2	5.00	31.82	1.40
YES		NO						
VOL221	0	0.30819E-02	490564.1	3761870.1	665.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
- - -

- - - - - - - - - - - - -

VOL222	0	0.30819E-02	490431.1	3761864.4	673.6	5.00	31.82	1.40
YES		NO						
VOL223	0	0.30819E-02	490332.8	3761829.7	675.2	5.00	31.82	1.40
YES		NO						
VOL224	0	0.30819E-02	490307.8	3761733.3	676.1	5.00	31.82	1.40
YES		NO						
VOL225	0	0.30819E-02	490448.5	3761725.6	677.0	5.00	31.82	1.40
YES		NO						
VOL226	0	0.30819E-02	490577.6	3761733.3	674.4	5.00	31.82	1.40
YES		NO						
VOL227	0	0.30819E-02	490668.2	3761773.8	666.8	5.00	31.82	1.40
YES		NO						
VOL228	0	0.30819E-02	490074.5	3761694.7	668.0	5.00	31.82	1.40
YES		NO						
VOL229	0	0.30819E-02	490084.2	3761548.2	673.3	5.00	31.82	1.40
YES		NO						
VOL230	0	0.30819E-02	489947.3	3761532.8	673.8	5.00	31.82	1.40
YES		NO						
VOL231	0	0.30819E-02	489812.4	3761476.9	667.9	5.00	31.82	1.40
YES		NO						
VOL232	0	0.30819E-02	489739.1	3761488.5	668.5	5.00	31.82	1.40
YES		NO						
VOL233	0	0.30819E-02	490205.6	3761627.3	670.8	5.00	31.82	1.40
YES		NO						
VOL235	0	0.30819E-02	490014.8	3761714.0	660.8	5.00	31.82	1.40
YES		NO						
VOL236	0	0.30819E-02	489798.9	3762429.1	665.9	5.00	31.82	1.40
YES		NO						
VOL237	0	0.30819E-02	489681.3	3762438.8	667.2	5.00	31.82	1.40
YES		NO						
VOL238	0	0.30819E-02	489671.7	3762305.8	664.8	5.00	31.82	1.40
YES		NO						
VOL239	0	0.30819E-02	489808.5	3762305.8	670.4	5.00	31.82	1.40
YES		NO						
VOL240	0	0.30819E-02	489904.9	3762334.7	671.7	5.00	31.82	1.40
YES		NO						
VOL241	0	0.30819E-02	489845.1	3762168.9	672.3	5.00	31.82	1.40
YES		NO						
VOL242	0	0.30819E-02	489708.3	3762170.8	682.2	5.00	31.82	1.40
YES		NO						
VOL243	0	0.30819E-02	489669.7	3762165.0	678.8	5.00	31.82	1.40
YES		NO						
VOL244	0	0.30819E-02	489662.0	3762032.1	681.2	5.00	31.82	1.40
YES		NO						
VOL245	0	0.30819E-02	489802.7	3762032.1	676.7	5.00	31.82	1.40
YES		NO						
VOL246	0	0.30819E-02	489941.5	3762008.9	669.3	5.00	31.82	1.40
YES		NO						
VOL247	0	0.30819E-02	490036.0	3761981.9	670.4	5.00	31.82	1.40
YES		NO						
VOL248	0	0.30819E-02	490009.0	3761843.2	663.4	5.00	31.82	1.40
YES		NO						
VOL249	0	0.30819E-02	489899.1	3761875.9	660.1	5.00	31.82	1.40
YES		NO						
VOL250	0	0.30819E-02	489808.5	3761895.2	671.5	5.00	31.82	1.40
YES		NO						
VOL251	0	0.30819E-02	489669.7	3761889.4	668.6	5.00	31.82	1.40
YES		NO						
VOL252	0	0.30819E-02	489866.3	3761787.3	661.2	5.00	31.82	1.40
YES		NO						
VOL253	0	0.30819E-02	489725.6	3761785.3	669.0	5.00	31.82	1.40
YES		NO						
VOL254	0	0.30819E-02	490479.5	3762532.8	635.8	5.00	31.82	1.40
YES		NO						

```
 VOL255          0   0.30819E-02  490599.4 3762518.8   626.8     5.00    31.82     1.40
 YES                   NO
 VOL256          0   0.30819E-02  490971.6 3762447.1   635.5     5.00    31.82     1.40
 YES                   NO
 VOL257          0   0.30819E-02  491089.9 3762468.9   663.0     5.00    31.82     1.40
 YES                   NO
 VOL258          0   0.30819E-02  491006.0 3761570.2   677.5     5.00    31.82     1.40
 YES                   NO
 VOL259          0   0.30819E-02  491143.1 3761571.7   657.8     5.00    31.82     1.40
 YES                   NO
 VOL260          0   0.30819E-02  491278.5 3761567.1   669.7     5.00    31.82     1.40
 YES                   NO
 VOL261          0   0.30819E-02  493581.7 3761666.7   707.1     5.00    31.82     1.40
 YES                   NO
 VOL262          0   0.30819E-02  493594.1 3761563.9   684.0     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:00

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL263          0   0.30819E-02  494462.9 3760869.0   700.3     5.00    31.82     1.40
 YES                   NO
 VOL264          0   0.30819E-02  493760.1 3760912.3   681.9     5.00    31.82     1.40
 YES                   NO
 VOL265          0   0.30819E-02  492959.0 3761011.0   668.8     5.00    31.82     1.40
 YES                   NO
 VOL266          0   0.30819E-02  491541.7 3762540.3   681.6     5.00    31.82     1.40
 YES                   NO
 VOL267          0   0.30819E-02  492117.1 3761843.8   682.3     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:39:00

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4       , VOL5       , VOL6       , VOL7       , VOL8       , VOL9       ,
  VOL10      , VOL11      ,

             VOL12      , VOL16      , VOL17      , VOL18      , VOL19      , VOL20      ,
             VOL21      , VOL22      ,
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VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 ,

VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 ,
VOL51 , VOL52 ,

VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 ,
VOL59 , VOL60 ,

VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 ,
VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 ,
VOL212 , VOL213 ,

VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 ,
VOL220 , VOL221 ,

VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 ,
VOL228 , VOL229 ,

VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 ,
VOL237 , VOL238 ,

VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 ,
VOL245 , VOL246 ,

VOL247 , VOL248 , VOL249 , VOL250 , VOL251 , VOL252 ,
VOL253 , VOL254 ,

VOL255 , VOL256 , VOL257 , VOL258 , VOL259 , VOL260 ,
VOL261 , VOL262 ,

VOL263 , VOL264 , VOL265 , VOL266 , VOL267 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
		VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 ,

VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

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           VOL206      , VOL207      , VOL208      , VOL209      , VOL210      , VOL211      ,
           VOL212      , VOL213      ,

           VOL214      , VOL215      , VOL216      , VOL217      , VOL218      , VOL219      ,
           VOL220      , VOL221      ,

           VOL222      , VOL223      , VOL224      , VOL225      , VOL226      , VOL227      ,
           VOL228      , VOL229      ,

           VOL230      , VOL231      , VOL232      , VOL233      , VOL235      , VOL236      ,
           VOL237      , VOL238      ,

           VOL239      , VOL240      , VOL241      , VOL242      , VOL243      , VOL244      ,
           VOL245      , VOL246      ,

           VOL247      , VOL248      , VOL249      , VOL250      , VOL251      , VOL252      ,
           VOL253      , VOL254      ,

           VOL255      , VOL256      , VOL257      , VOL258      , VOL259      , VOL260      ,
           VOL261      , VOL262      ,

           VOL263      , VOL264      , VOL265      , VOL266      , VOL267      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        13:39:00

                     PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

    ( 493343.8, 3762037.3,     711.3,     711.3,       2.0);         ( 493410.0, 3761986.4,
    713.0,     713.0,       2.0);
    ( 493417.5, 3761973.0,     713.0,     713.0,       2.0);         ( 493468.3, 3761958.4,
    714.0,     714.0,       2.0);
    ( 493499.8, 3761947.4,     713.9,     713.9,       2.0);         ( 493614.4, 3761892.8,
    711.3,     711.3,       2.0);
    ( 493613.7, 3761905.0,     712.0,     712.0,       2.0);         ( 493614.4, 3761917.1,
    712.9,     712.9,       2.0);
    ( 493614.4, 3761927.4,     713.5,     713.5,       2.0);         ( 493613.3, 3761940.2,
    714.2,     714.2,       2.0);
    ( 493616.5, 3761952.1,     714.8,     714.8,       2.0);         ( 493615.2, 3761961.7,
    715.2,     715.2,       2.0);
    ( 493614.5, 3761973.8,     715.6,     715.6,       2.0);         ( 493614.0, 3761985.0,
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    ( 493613.7, 3761996.5,     716.0,     716.0,       2.0);         ( 493614.2, 3762007.4,
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    ( 493615.8, 3762018.6,     716.0,     716.0,       2.0);         ( 493614.7, 3762025.7,
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    ( 493613.7, 3762052.1,     716.5,     716.5,       2.0);         ( 493613.8, 3762061.6,
    716.7,     716.7,       2.0);
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    707.6,     725.0,       2.0);
    ( 493707.3, 3761768.9,     706.9,     725.0,       2.0);         ( 493728.0, 3761742.8,
    710.3,     725.0,       2.0);
    ( 493755.6, 3761733.7,     712.8,     725.0,       2.0);         ( 493750.5, 3761720.6,
    712.0,     725.0,       2.0);
    ( 493745.9, 3761709.5,     711.5,     725.0,       2.0);         ( 493741.4, 3761696.9,
    711.0,     725.0,       2.0);
    ( 493738.5, 3761681.0,     710.9,     726.0,       2.0);         ( 493737.4, 3761663.9,
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711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.9, 3762203.2, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90

```
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        13:39:00

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                  VOL17       , VOL18       , VOL19       ,
                  VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                  VOL25       , VOL26       , VOL30       ,
                  VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                  VOL47       , VOL48       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10    IN
                                      MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        1.84905  (14013024)               493409.97
       3761986.39        1.91067  (14013024)
       493417.46   3761972.99        1.94966m (14111524)               493468.31
       3761958.40        1.96662  (14013024)
       493499.84   3761947.37        1.92820  (14013024)               493614.36
       3761892.81        1.89067m (14111524)
       493613.66   3761905.05        1.83295m (14111524)               493614.36
       3761917.12        1.77830m (14111524)
       493614.36   3761927.44        1.73514m (14111524)               493613.31
       3761940.20        1.70334  (14013024)
       493616.46   3761952.10        1.65662  (14013024)               493615.23
       3761961.71        1.62801  (14013024)
       493614.53   3761973.78        1.59270  (14013024)               493614.01
       3761984.98        1.56228  (14013024)
       493613.66   3761996.52        1.53583  (14013024)               493614.18
       3762007.36        1.51311  (12110124)
       493615.76   3762018.56        1.49146  (12110124)               493614.71
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      3762025.73        1.48010  (12110124)
      493614.36   3762035.00        1.46490  (12110124)                493613.13
      3762043.74        1.45174  (12110124)
      493613.66   3762052.14        1.43777  (12110124)                493613.83
      3762061.58        1.42282  (12110124)
      493614.18   3762071.55        1.40724  (12110124)                493696.46
      3761742.53        2.11691m (14111524)
      493707.35   3761768.92        1.98316m (14111524)                493727.98
      3761742.80        2.00493m (14111524)
      493755.61   3761733.69        1.95451m (14111524)                493750.48
      3761720.58        2.00126m (14111524)
      493745.92   3761709.48        2.04166m (14111524)                493741.37
      3761696.95        2.09552m (14111524)
      493738.52   3761681.00        2.15297m (14111524)                493737.38
      3761663.91        2.20418m (14111524)
      493736.52   3761651.38        2.24191m (14111524)                494418.08
      3761416.13        2.26900  (13070724)
      494473.73   3761368.11        2.19441  (13070724)                494939.85
      3761394.35        1.42759  (13070724)
      494686.37   3761403.42        1.57495  (13070724)                494575.98
      3761568.60        1.47153  (13070724)
      494541.49   3761602.79        1.51117  (13070724)                494822.53
      3761435.24        1.37812  (13070724)
      494846.18   3761504.63        1.30571  (13070724)                494841.06
      3761535.78        1.28273  (13070724)
      494837.90   3761553.12        1.26900  (13070724)                494885.61
      3761199.09        1.63933  (13070724)
      494976.68   3761325.65        1.47349  (13070724)                494985.35
      3761366.25        1.41455  (13070724)
      495070.90   3761299.23        1.36630  (13070724)                495115.47
      3760632.60        1.34331  (12073124)
      495069.03   3760685.30        1.43679  (12073124)                495087.55
      3760728.31        1.48237  (12073124)
      495079.90   3760834.52        1.53441  (12073124)                495202.38
      3760883.65        1.44050  (12073124)
      495237.63   3760939.31        1.40377c (12080524)                495298.45
      3761048.56        1.38338c (13090124)
      490844.43   3759375.83        0.28558  (15011124)                490895.79
      3759357.70        0.28546  (15011124)
      490596.67   3759246.67        0.26101  (15011124)                489103.59
      3759859.22        0.23373  (15122224)
      488940.48   3759893.26        0.22412  (15122224)                488472.34
      3759865.64        0.19395  (15122224)
      488432.53   3759884.27        0.19272  (15122224)                488713.15
      3759827.76        0.20557  (15122224)
      487562.29   3760285.62        0.16073  (13122624)                487809.35
      3760420.86        0.17733  (15122224)
      487553.10   3761208.24        0.18429  (12122024)                487899.76
      3760972.40        0.20283  (15122224)
      487983.18   3762301.23        0.23899  (15011124)                487913.66
      3762403.25        0.22789  (15011124)
      487890.59   3762238.09        0.22878  (15011124)                488190.14
      3762513.88        0.25870  (15011124)
      488424.39   3762586.51        0.29057  (15011124)                488657.54
      3762495.87        0.35199  (15011124)
      488908.17   3762583.23        0.41687  (15011124)                489170.26
      3762660.77        0.52200  (15011124)
      489382.17   3762809.64        0.57798  (15011124)                489294.91
      3762783.65        0.54265  (15011124)
      489889.72   3762661.22        1.34937m (14111524)                490022.93
      3762783.29        1.03629m (14111524)
      490423.96   3762839.25        1.03482m (14111524)                490375.94
      3762870.37        0.97946m (14111524)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.20355m	(14111524)	491132.33	3762903.51	1.00978m	(14111524)
492890.92	3762203.25	2.43208m	(14111524)	492961.55	3762258.51	1.96350m	(14111524)
493033.99	3762272.60	1.81618	(14013024)	493032.31	3762205.18	1.95668	(14013024)
493087.32	3762215.25	1.82211	(14013024)	493079.94	3762296.41	1.71694	(14013024)
493163.79	3762367.18	1.36938	(14013024)	493068.87	3762510.05	1.31472	(14013024)
493101.07	3762454.71	1.39103	(14013024)	493281.84	3762369.19	1.37520	(14013024)
493351.51	3762095.42	1.73642	(14013024)	493439.48	3762105.84	1.60443	(14013024)
493972.90	3763044.23	0.57198	(12021924)	493957.03	3763184.09	0.52792	(12021924)
493583.55	3763480.45	0.42273	(12021924)	493258.47	3763568.15	0.41720	(13111624)
492895.78	3763485.72	0.49809m	(14111524)	493781.01	3761659.05	2.05952c	(12080524)
493797.63	3761658.35	2.00946c	(12080524)	493831.94	3761631.47	1.94540c	(12080524)
493900.20	3761664.01	1.81729m	(14111524)	493918.59	3761666.13	1.81972m	(14111524)
493929.55	3761662.24	1.84137m	(14111524)	493945.82	3761667.90	1.80676m	(14111524)
493758.37	3761524.30	2.32438	(13102324)	493961.03	3761672.85	1.78997m	(14111524)
493975.18	3761679.57	1.80158m	(14111524)	493987.55	3761687.70	1.78975m	(14111524)
493998.87	3761697.25	1.78219m	(14111524)	494007.71	3761707.51	1.75037m	(14111524)
494016.91	3761718.12	1.69536m	(14111524)	494024.69	3761730.85	1.68884m	(14111524)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	2.43208m ON 14111524:	AT (492890.92, 3762203.25, 695.85, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 13:39:00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 553 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 553 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph4 LST\15218 Ph4 Ops PM25\15218
Ph4 Ops PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph4 Ops PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
LOCATION VOL51	VOLUME	493605.815	3760986.953	697.590
LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
LOCATION VOL62	VOLUME	494174.278	3760981.156	692.870
LOCATION VOL63	VOLUME	494301.652	3760992.949	697.050
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492460.221	3761324.738	683.350
LOCATION VOL109	VOLUME	492457.862	3761183.212	697.370
LOCATION VOL110	VOLUME	492440.336	3761057.824	691.830
LOCATION VOL111	VOLUME	492457.862	3761466.264	683.770
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090

LOCATION VOL116 VOLUME 494005.497 3761391.736 716.150
LOCATION VOL117 VOLUME 494278.568 3761268.413 705.410
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LOCATION VOL122 VOLUME 491655.758 3762138.279 683.820
LOCATION VOL123 VOLUME 491459.763 3761713.256 683.590
LOCATION VOL124 VOLUME 491398.101 3761664.807 677.350
LOCATION VOL125 VOLUME 491380.484 3761770.513 674.750
LOCATION VOL126 VOLUME 491523.626 3761851.994 657.220
LOCATION VOL127 VOLUME 491448.752 3761907.048 668.820
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LOCATION VOL129 VOLUME 492911.007 3761534.878 684.000
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LOCATION VOL131 VOLUME 493058.554 3761717.660 705.190
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LOCATION VOL135 VOLUME 491409.112 3761992.934 680.060
LOCATION VOL136 VOLUME 491457.560 3762125.065 662.660
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LOCATION VOL138 VOLUME 491561.063 3762266.006 677.300
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LOCATION VOL141 VOLUME 492195.295 3762409.148 670.190
LOCATION VOL142 VOLUME 492058.759 3762453.192 684.210
LOCATION VOL143 VOLUME 492135.836 3762514.853 686.220
LOCATION VOL144 VOLUME 491926.627 3762475.214 684.170
LOCATION VOL145 VOLUME 491781.283 3762517.056 682.340
LOCATION VOL146 VOLUME 491926.627 3762517.056 687.810
LOCATION VOL147 VOLUME 492038.939 3762517.056 687.890
LOCATION VOL148 VOLUME 494205.896 3761460.003 714.000
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LOCATION VOL157 VOLUME 492189.183 3761194.054 677.760
LOCATION VOL158 VOLUME 492419.852 3760998.320 689.790
LOCATION VOL159 VOLUME 492111.445 3761281.477 683.550
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LOCATION VOL163 VOLUME 492014.054 3761416.742 668.320
LOCATION VOL164 VOLUME 492190.801 3761535.776 686.060
LOCATION VOL165 VOLUME 492326.067 3761519.544 681.320
LOCATION VOL166 VOLUME 493400.980 3761806.308 709.360
LOCATION VOL167 VOLUME 493514.603 3761800.897 707.000
LOCATION VOL168 VOLUME 491218.691 3762466.405 662.900
LOCATION VOL169 VOLUME 491225.905 3762334.747 670.510
LOCATION VOL170 VOLUME 491247.547 3762210.302 671.300
LOCATION VOL171 VOLUME 491083.425 3762369.014 660.610
LOCATION VOL172 VOLUME 491112.282 3762230.141 666.880
LOCATION VOL173 VOLUME 490867.000 3762534.940 630.790
LOCATION VOL174 VOLUME 490726.323 3762533.137 641.040
LOCATION VOL175 VOLUME 490347.579 3762574.618 669.180
LOCATION VOL176 VOLUME 490208.706 3762567.404 658.980
LOCATION VOL177 VOLUME 490073.440 3762509.691 648.630
LOCATION VOL178 VOLUME 489936.370 3762468.209 645.490
LOCATION VOL179 VOLUME 490425.131 3762441.156 661.430
LOCATION VOL180 VOLUME 490289.865 3762439.352 676.600
LOCATION VOL181 VOLUME 490154.599 3762435.745 660.500

LOCATION VOL182	VOLUME	490024.744	3762374.425	646.610
LOCATION VOL183	VOLUME	490349.382	3762309.497	666.260
LOCATION VOL184	VOLUME	490214.116	3762304.086	672.620
LOCATION VOL185	VOLUME	490082.458	3762298.676	667.950
LOCATION VOL186	VOLUME	489977.852	3762239.159	678.170
LOCATION VOL187	VOLUME	489923.746	3762147.178	674.000
LOCATION VOL188	VOLUME	490055.404	3762116.518	674.400
LOCATION VOL189	VOLUME	490116.725	3762165.213	679.770
LOCATION VOL190	VOLUME	490226.741	3762168.821	662.600
LOCATION VOL191	VOLUME	490149.189	3762037.162	660.120
LOCATION VOL192	VOLUME	494140.445	3761657.568	711.010
LOCATION VOL193	VOLUME	494263.511	3761644.837	714.410
LOCATION VOL194	VOLUME	494344.140	3761139.843	717.560
LOCATION VOL195	VOLUME	494437.500	3761008.290	705.860
LOCATION VOL196	VOLUME	494571.175	3761052.848	712.520
LOCATION VOL197	VOLUME	494431.135	3761139.843	722.350
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LOCATION VOL199	VOLUME	494569.054	3761184.402	716.620
LOCATION VOL200	VOLUME	491355.887	3762468.787	684.880
LOCATION VOL201	VOLUME	491355.887	3762339.277	684.970
LOCATION VOL202	VOLUME	491477.042	3762439.543	673.550
LOCATION VOL203	VOLUME	492654.581	3762000.681	693.450
LOCATION VOL204	VOLUME	492788.961	3762024.013	698.200
LOCATION VOL205	VOLUME	492859.878	3762014.804	699.360
LOCATION VOL206	VOLUME	492855.700	3761893.650	694.660
LOCATION VOL207	VOLUME	492848.737	3761752.998	689.630
LOCATION VOL208	VOLUME	492716.442	3761750.213	694.870
LOCATION VOL209	VOLUME	492767.968	3761883.901	694.850
LOCATION VOL210	VOLUME	493508.520	3761601.057	708.890
LOCATION VOL211	VOLUME	493505.243	3761466.712	686.780
LOCATION VOL212	VOLUME	493510.158	3761332.366	683.200
LOCATION VOL213	VOLUME	493492.136	3761227.511	682.770
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LOCATION VOL215	VOLUME	493616.652	3761335.643	681.830
LOCATION VOL216	VOLUME	490886.004	3761758.345	670.160
LOCATION VOL217	VOLUME	490872.512	3761650.404	671.550
LOCATION VOL218	VOLUME	490756.861	3761794.967	659.470
LOCATION VOL219	VOLUME	490743.368	3761679.316	673.110
LOCATION VOL220	VOLUME	490700.963	3761902.908	656.200
LOCATION VOL221	VOLUME	490564.109	3761870.140	665.170
LOCATION VOL222	VOLUME	490431.111	3761864.358	673.640
LOCATION VOL223	VOLUME	490332.807	3761829.663	675.220
LOCATION VOL224	VOLUME	490307.750	3761733.287	676.110
LOCATION VOL225	VOLUME	490448.458	3761725.577	677.050
LOCATION VOL226	VOLUME	490577.602	3761733.287	674.440
LOCATION VOL227	VOLUME	490668.195	3761773.765	666.760
LOCATION VOL228	VOLUME	490074.520	3761694.737	668.000
LOCATION VOL229	VOLUME	490084.158	3761548.245	673.320
LOCATION VOL230	VOLUME	489947.304	3761532.825	673.830
LOCATION VOL231	VOLUME	489812.378	3761476.927	667.930
LOCATION VOL232	VOLUME	489739.133	3761488.493	668.490
LOCATION VOL233	VOLUME	490205.591	3761627.274	670.850
LOCATION VOL235	VOLUME	490014.767	3761714.012	660.790
LOCATION VOL236	VOLUME	489798.886	3762429.120	665.900
LOCATION VOL237	VOLUME	489681.307	3762438.757	667.250
LOCATION VOL238	VOLUME	489671.670	3762305.759	664.760
LOCATION VOL239	VOLUME	489808.523	3762305.759	670.400
LOCATION VOL240	VOLUME	489904.899	3762334.672	671.710
LOCATION VOL241	VOLUME	489845.146	3762168.905	672.310
LOCATION VOL242	VOLUME	489708.293	3762170.833	682.200
LOCATION VOL243	VOLUME	489669.742	3762165.050	678.840
LOCATION VOL244	VOLUME	489662.032	3762032.052	681.240
LOCATION VOL245	VOLUME	489802.741	3762032.052	676.690
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LOCATION VOL247	VOLUME	490035.970	3761981.936	670.380
LOCATION VOL248	VOLUME	490008.985	3761843.155	663.360

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   LOCATION VOL249       VOLUME     489899.117  3761875.923      660.110
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   LOCATION VOL253       VOLUME     489725.640  3761785.330      669.010
   LOCATION VOL254       VOLUME     490479.496  3762532.770      635.790
   LOCATION VOL255       VOLUME     490599.400  3762518.755      626.760
   LOCATION VOL256       VOLUME     490971.567  3762447.124      635.520
   LOCATION VOL257       VOLUME     491089.913  3762468.925      662.980
   LOCATION VOL258       VOLUME     491006.037  3761570.166      677.530
   LOCATION VOL259       VOLUME     491143.071  3761571.723      657.760
   LOCATION VOL260       VOLUME     491278.548  3761567.051      669.700
   LOCATION VOL261       VOLUME     493581.656  3761666.712      707.100
   LOCATION VOL262       VOLUME     493594.114  3761563.937      684.000
   LOCATION VOL263       VOLUME     494462.944  3760869.024      700.270
   LOCATION VOL264       VOLUME     493760.083  3760912.348      681.880
   LOCATION VOL265       VOLUME     492959.041  3761011.044      668.810
   LOCATION VOL266       VOLUME     491541.701  3762540.269      681.650
   LOCATION VOL267       VOLUME     492117.145  3761843.767      682.340
** Source Parameters **
   SRCPARAM VOL4         0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL5         0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL6         0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL7         0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL8         0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL9         0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL10        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL11        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL12        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL16        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL17        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL18        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL19        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL20        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL21        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL22        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL23        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL24        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL25        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL26        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL30        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL31        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL35        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL36        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL37        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL46        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL47        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL48        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL49        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL50        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL51        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL52        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL53        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL54        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL55        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL56        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL57        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL58        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL59        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL60        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL61        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL62        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL63        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL64        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL65        0.0008215062     5.000    31.816     1.400
   SRCPARAM VOL66        0.0008215062     5.000    31.816     1.400
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SRCPARAM VOL67        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL68        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL69        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL70        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL71        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL72        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL74        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL75        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL76        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL77        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL78        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL79        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL80        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL81        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL82        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL83        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL84        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL85        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL86        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL87        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL88        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL89        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL90        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL91        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL92        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL93        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL94        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL95        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL96        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL97        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL98        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL99        0.0008215062     5.000    31.816     1.400
SRCPARAM VOL100       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL101       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL102       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL103       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL104       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL105       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL106       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL107       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL108       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL109       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL110       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL111       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL112       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL113       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL114       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL115       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL116       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL117       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL118       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL119       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL120       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL121       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL122       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL123       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL124       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL125       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL126       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL127       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL128       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL129       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL130       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL131       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL132       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL133       0.0008215062     5.000    31.816     1.400
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SRCPARAM VOL134       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL135       0.0008215062     5.000    31.816     1.400
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SRCPARAM VOL137       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL138       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL139       0.0008215062     5.000    31.816     1.400
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SRCPARAM VOL141       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL142       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL143       0.0008215062     5.000    31.816     1.400
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SRCPARAM VOL147       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL148       0.0008215062     5.000    31.816     1.400
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SRCPARAM VOL151       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL152       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL153       0.0008215062     5.000    31.816     1.400
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SRCPARAM VOL156       0.0008215062     5.000    31.816     1.400
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SRCPARAM VOL160       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL161       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL162       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL163       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL164       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL165       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL166       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL167       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL168       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL169       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL170       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL171       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL172       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL173       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL174       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL175       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL176       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL177       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL178       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL179       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL180       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL181       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL182       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL183       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL184       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL185       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL186       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL187       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL188       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL189       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL190       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL191       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL192       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL193       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL194       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL195       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL196       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL197       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL198       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL199       0.0008215062     5.000    31.816     1.400
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SRCPARAM VOL200       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL201       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL202       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL203       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL204       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL205       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL206       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL207       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL208       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL209       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL210       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL211       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL212       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL213       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL214       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL215       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL216       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL217       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL218       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL219       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL220       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL221       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL222       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL223       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL224       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL225       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL226       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL227       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL228       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL229       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL230       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL231       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL232       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL233       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL235       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL236       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL237       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL238       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL239       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL240       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL241       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL242       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL243       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL244       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL245       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL246       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL247       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL248       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL249       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL250       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL251       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL252       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL253       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL254       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL255       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL256       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL257       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL258       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL259       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL260       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL261       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL262       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL263       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL264       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL265       0.0008215062     5.000    31.816     1.400
SRCPARAM VOL266       0.0008215062     5.000    31.816     1.400
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   SRCPARAM VOL267       0.0008215062     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED "15218 Ph4 Ops PM25.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH4 OPS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph4 Ops PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     553       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     553       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL4	0	0.82151E-03	492797.1	3762283.9	695.0	5.00	31.82	1.40	YES NO
VOL5	0	0.82151E-03	493197.6	3761815.0	710.4	5.00	31.82	1.40	YES NO
VOL6	0	0.82151E-03	492524.0	3762265.1	688.3	5.00	31.82	1.40	YES NO
VOL7	0	0.82151E-03	492388.1	3762262.6	696.8	5.00	31.82	1.40	YES NO
VOL8	0	0.82151E-03	492254.8	3762271.8	683.2	5.00	31.82	1.40	YES NO
VOL9	0	0.82151E-03	493145.9	3761467.1	686.4	5.00	31.82	1.40	YES NO
VOL10	0	0.82151E-03	493285.0	3761471.8	687.9	5.00	31.82	1.40	YES NO
VOL11	0	0.82151E-03	493368.3	3761535.2	695.0	5.00	31.82	1.40	YES NO
VOL12	0	0.82151E-03	493510.0	3761002.1	674.8	5.00	31.82	1.40	YES NO
VOL16	0	0.82151E-03	492659.4	3762267.1	695.9	5.00	31.82	1.40	YES NO
VOL17	0	0.82151E-03	493185.4	3761712.2	707.4	5.00	31.82	1.40	YES NO
VOL18	0	0.82151E-03	491986.2	3762340.0	678.9	5.00	31.82	1.40	YES NO
VOL19	0	0.82151E-03	491843.1	3762383.8	670.7	5.00	31.82	1.40	YES NO
VOL20	0	0.82151E-03	492118.5	3762307.8	682.7	5.00	31.82	1.40	YES NO
VOL21	0	0.82151E-03	493148.2	3761325.5	685.0	5.00	31.82	1.40	YES NO
VOL22	0	0.82151E-03	493285.0	3761332.6	690.3	5.00	31.82	1.40	YES NO
VOL23	0	0.82151E-03	493368.3	3761393.7	681.0	5.00	31.82	1.40	YES NO
VOL24	0	0.82151E-03	493874.8	3761274.2	695.9	5.00	31.82	1.40	YES NO

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 VOL25            0   0.82151E-03  494008.7 3761247.0   701.2     5.00    31.82     1.40
 YES                    NO
 VOL26            0   0.82151E-03  494137.7 3761246.0   721.6     5.00    31.82     1.40
 YES                    NO
 VOL30            0   0.82151E-03  493263.0 3761716.6   705.5     5.00    31.82     1.40
 YES                    NO
 VOL31            0   0.82151E-03  493268.3 3761811.5   710.9     5.00    31.82     1.40
 YES                    NO
 VOL35            0   0.82151E-03  493145.9 3761184.0   686.7     5.00    31.82     1.40
 YES                    NO
 VOL36            0   0.82151E-03  493287.4 3761193.4   698.1     5.00    31.82     1.40
 YES                    NO
 VOL37            0   0.82151E-03  493373.0 3761252.2   680.9     5.00    31.82     1.40
 YES                    NO
 VOL46            0   0.82151E-03  493128.3 3761058.6   681.0     5.00    31.82     1.40
 YES                    NO
 VOL47            0   0.82151E-03  493228.4 3761082.6   683.1     5.00    31.82     1.40
 YES                    NO
 VOL48            0   0.82151E-03  493354.1 3761167.3   672.4     5.00    31.82     1.40
 YES                    NO
 VOL49            0   0.82151E-03  493730.8 3761261.8   682.1     5.00    31.82     1.40
 YES                    NO
 VOL50            0   0.82151E-03  493622.3 3761120.3   685.5     5.00    31.82     1.40
 YES                    NO
 VOL51            0   0.82151E-03  493605.8 3760987.0   697.6     5.00    31.82     1.40
 YES                    NO
 VOL52            0   0.82151E-03  493754.4 3761122.7   701.4     5.00    31.82     1.40
 YES                    NO
 VOL53            0   0.82151E-03  493888.9 3761136.8   695.4     5.00    31.82     1.40
 YES                    NO
 VOL54            0   0.82151E-03  494028.0 3761118.0   705.9     5.00    31.82     1.40
 YES                    NO
 VOL55            0   0.82151E-03  494162.5 3761118.0   703.1     5.00    31.82     1.40
 YES                    NO
 VOL56            0   0.82151E-03  494212.0 3761120.3   695.8     5.00    31.82     1.40
 YES                    NO
 VOL57            0   0.82151E-03  493747.3 3760981.2   688.8     5.00    31.82     1.40
 YES                    NO
 VOL58            0   0.82151E-03  493888.9 3760995.3   684.8     5.00    31.82     1.40
 YES                    NO
 VOL59            0   0.82151E-03  493884.1 3760901.0   683.2     5.00    31.82     1.40
 YES                    NO
 VOL60            0   0.82151E-03  494032.8 3760981.2   693.3     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:50:47

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL61            0   0.82151E-03  494025.7 3760901.0   694.7     5.00    31.82     1.40
 YES                    NO
```

VOL62	0	0.82151E-03	494174.3	3760981.2	692.9	5.00	31.82	1.40
YES		NO						
VOL63	0	0.82151E-03	494301.7	3760992.9	697.0	5.00	31.82	1.40
YES		NO						
VOL64	0	0.82151E-03	494287.9	3761410.9	719.0	5.00	31.82	1.40
YES		NO						
VOL65	0	0.82151E-03	492653.1	3762138.7	689.1	5.00	31.82	1.40
YES		NO						
VOL66	0	0.82151E-03	491979.9	3762211.7	686.9	5.00	31.82	1.40
YES		NO						
VOL67	0	0.82151E-03	491836.8	3762255.5	683.4	5.00	31.82	1.40
YES		NO						
VOL68	0	0.82151E-03	492112.2	3762179.4	689.5	5.00	31.82	1.40
YES		NO						
VOL69	0	0.82151E-03	491694.4	3762248.6	690.2	5.00	31.82	1.40
YES		NO						
VOL70	0	0.82151E-03	492517.7	3762136.8	695.7	5.00	31.82	1.40
YES		NO						
VOL71	0	0.82151E-03	492381.8	3762134.3	693.9	5.00	31.82	1.40
YES		NO						
VOL72	0	0.82151E-03	492248.5	3762143.5	690.0	5.00	31.82	1.40
YES		NO						
VOL74	0	0.82151E-03	491979.9	3762077.8	692.8	5.00	31.82	1.40
YES		NO						
VOL75	0	0.82151E-03	491917.1	3762126.5	686.3	5.00	31.82	1.40
YES		NO						
VOL76	0	0.82151E-03	492112.2	3762045.6	687.6	5.00	31.82	1.40
YES		NO						
VOL77	0	0.82151E-03	492234.6	3761900.7	682.3	5.00	31.82	1.40
YES		NO						
VOL78	0	0.82151E-03	492517.7	3762002.9	686.1	5.00	31.82	1.40
YES		NO						
VOL79	0	0.82151E-03	492381.8	3762000.4	683.7	5.00	31.82	1.40
YES		NO						
VOL80	0	0.82151E-03	492248.5	3762009.6	684.6	5.00	31.82	1.40
YES		NO						
VOL81	0	0.82151E-03	492101.1	3761906.6	686.0	5.00	31.82	1.40
YES		NO						
VOL82	0	0.82151E-03	491981.9	3761950.4	678.8	5.00	31.82	1.40
YES		NO						
VOL83	0	0.82151E-03	491977.0	3761816.6	673.3	5.00	31.82	1.40
YES		NO						
VOL84	0	0.82151E-03	491928.4	3761984.5	688.2	5.00	31.82	1.40
YES		NO						
VOL85	0	0.82151E-03	491930.8	3761843.4	679.8	5.00	31.82	1.40
YES		NO						
VOL86	0	0.82151E-03	491794.5	3761889.6	686.2	5.00	31.82	1.40
YES		NO						
VOL87	0	0.82151E-03	491658.3	3761877.4	655.9	5.00	31.82	1.40
YES		NO						
VOL88	0	0.82151E-03	491835.9	3761787.4	683.2	5.00	31.82	1.40
YES		NO						
VOL89	0	0.82151E-03	491702.1	3761770.4	661.0	5.00	31.82	1.40
YES		NO						
VOL90	0	0.82151E-03	491592.6	3761743.6	657.9	5.00	31.82	1.40
YES		NO						
VOL91	0	0.82151E-03	491801.8	3762386.9	675.2	5.00	31.82	1.40
YES		NO						
VOL92	0	0.82151E-03	493009.6	3761326.3	677.2	5.00	31.82	1.40
YES		NO						
VOL93	0	0.82151E-03	493007.3	3761184.8	680.7	5.00	31.82	1.40
YES		NO						
VOL94	0	0.82151E-03	492989.8	3761059.4	667.2	5.00	31.82	1.40
YES		NO						
VOL95	0	0.82151E-03	493007.3	3761467.9	685.7	5.00	31.82	1.40
YES		NO						

VOL96 0 0.82151E-03 492870.9 3761328.5 683.9 5.00 31.82 1.40
YES NO
VOL97 0 0.82151E-03 492868.6 3761187.0 685.6 5.00 31.82 1.40
YES NO
VOL98 0 0.82151E-03 492851.0 3761061.6 685.9 5.00 31.82 1.40
YES NO
VOL99 0 0.82151E-03 492868.6 3761470.1 684.7 5.00 31.82 1.40
YES NO
VOL100 0 0.82151E-03 492734.4 3761330.7 695.1 5.00 31.82 1.40
YES NO
VOL101 0 0.82151E-03 492732.0 3761189.2 696.1 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL102	0	0.82151E-03	492714.5	3761063.8	701.2	5.00	31.82	1.40
YES		NO						
VOL103	0	0.82151E-03	492732.0	3761472.3	683.0	5.00	31.82	1.40
YES		NO						
VOL104	0	0.82151E-03	492600.0	3761332.9	685.1	5.00	31.82	1.40
YES		NO						
VOL105	0	0.82151E-03	492597.7	3761191.4	696.6	5.00	31.82	1.40
YES		NO						
VOL106	0	0.82151E-03	492580.2	3761066.0	698.9	5.00	31.82	1.40
YES		NO						
VOL107	0	0.82151E-03	492597.7	3761474.5	684.3	5.00	31.82	1.40
YES		NO						
VOL108	0	0.82151E-03	492460.2	3761324.7	683.3	5.00	31.82	1.40
YES		NO						
VOL109	0	0.82151E-03	492457.9	3761183.2	697.4	5.00	31.82	1.40
YES		NO						
VOL110	0	0.82151E-03	492440.3	3761057.8	691.8	5.00	31.82	1.40
YES		NO						
VOL111	0	0.82151E-03	492457.9	3761466.3	683.8	5.00	31.82	1.40
YES		NO						
VOL112	0	0.82151E-03	492547.6	3761006.4	698.0	5.00	31.82	1.40
YES		NO						
VOL113	0	0.82151E-03	492686.4	3761006.4	700.8	5.00	31.82	1.40
YES		NO						
VOL114	0	0.82151E-03	492827.3	3761010.8	686.2	5.00	31.82	1.40
YES		NO						
VOL115	0	0.82151E-03	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES		NO						
VOL116	0	0.82151E-03	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES		NO						
VOL117	0	0.82151E-03	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES		NO						
VOL118	0	0.82151E-03	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						

VOL119	0	0.82151E-03	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.82151E-03	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.82151E-03	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.82151E-03	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.82151E-03	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.82151E-03	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.82151E-03	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.82151E-03	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.82151E-03	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.82151E-03	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.82151E-03	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.82151E-03	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.82151E-03	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.82151E-03	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.82151E-03	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.82151E-03	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.82151E-03	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.82151E-03	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.82151E-03	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.82151E-03	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.82151E-03	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.82151E-03	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.82151E-03	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
- - -

VOL142	0	0.82151E-03	492058.8	3762453.2	684.2	5.00	31.82	1.40
YES		NO						
VOL143	0	0.82151E-03	492135.8	3762514.9	686.2	5.00	31.82	1.40
YES		NO						
VOL144	0	0.82151E-03	491926.6	3762475.2	684.2	5.00	31.82	1.40
YES		NO						
VOL145	0	0.82151E-03	491781.3	3762517.1	682.3	5.00	31.82	1.40
YES		NO						
VOL146	0	0.82151E-03	491926.6	3762517.1	687.8	5.00	31.82	1.40
YES		NO						
VOL147	0	0.82151E-03	492038.9	3762517.1	687.9	5.00	31.82	1.40
YES		NO						
VOL148	0	0.82151E-03	494205.9	3761460.0	714.0	5.00	31.82	1.40
YES		NO						
VOL149	0	0.82151E-03	491610.6	3762444.9	676.3	5.00	31.82	1.40
YES		NO						
VOL150	0	0.82151E-03	492325.0	3761335.6	691.0	5.00	31.82	1.40
YES		NO						
VOL151	0	0.82151E-03	492322.6	3761477.1	685.4	5.00	31.82	1.40
YES		NO						
VOL152	0	0.82151E-03	492305.1	3761068.7	680.8	5.00	31.82	1.40
YES		NO						
VOL153	0	0.82151E-03	492322.6	3761194.1	682.6	5.00	31.82	1.40
YES		NO						
VOL154	0	0.82151E-03	492191.5	3761335.6	683.7	5.00	31.82	1.40
YES		NO						
VOL155	0	0.82151E-03	492189.2	3761477.1	693.8	5.00	31.82	1.40
YES		NO						
VOL156	0	0.82151E-03	492238.4	3761059.6	676.0	5.00	31.82	1.40
YES		NO						
VOL157	0	0.82151E-03	492189.2	3761194.1	677.8	5.00	31.82	1.40
YES		NO						
VOL158	0	0.82151E-03	492419.9	3760998.3	689.8	5.00	31.82	1.40
YES		NO						
VOL159	0	0.82151E-03	492111.4	3761281.5	683.5	5.00	31.82	1.40
YES		NO						
VOL160	0	0.82151E-03	492055.5	3761413.1	669.3	5.00	31.82	1.40
YES		NO						
VOL161	0	0.82151E-03	492057.3	3761515.9	682.8	5.00	31.82	1.40
YES		NO						
VOL162	0	0.82151E-03	492008.6	3761494.3	684.2	5.00	31.82	1.40
YES		NO						
VOL163	0	0.82151E-03	492014.1	3761416.7	668.3	5.00	31.82	1.40
YES		NO						
VOL164	0	0.82151E-03	492190.8	3761535.8	686.1	5.00	31.82	1.40
YES		NO						
VOL165	0	0.82151E-03	492326.1	3761519.5	681.3	5.00	31.82	1.40
YES		NO						
VOL166	0	0.82151E-03	493401.0	3761806.3	709.4	5.00	31.82	1.40
YES		NO						
VOL167	0	0.82151E-03	493514.6	3761800.9	707.0	5.00	31.82	1.40
YES		NO						
VOL168	0	0.82151E-03	491218.7	3762466.4	662.9	5.00	31.82	1.40
YES		NO						
VOL169	0	0.82151E-03	491225.9	3762334.7	670.5	5.00	31.82	1.40
YES		NO						
VOL170	0	0.82151E-03	491247.5	3762210.3	671.3	5.00	31.82	1.40
YES		NO						
VOL171	0	0.82151E-03	491083.4	3762369.0	660.6	5.00	31.82	1.40
YES		NO						
VOL172	0	0.82151E-03	491112.3	3762230.1	666.9	5.00	31.82	1.40
YES		NO						
VOL173	0	0.82151E-03	490867.0	3762534.9	630.8	5.00	31.82	1.40
YES		NO						
VOL174	0	0.82151E-03	490726.3	3762533.1	641.0	5.00	31.82	1.40
YES		NO						

VOL175 0 0.82151E-03 490347.6 3762574.6 669.2 5.00 31.82 1.40
YES NO
VOL176 0 0.82151E-03 490208.7 3762567.4 659.0 5.00 31.82 1.40
YES NO
VOL177 0 0.82151E-03 490073.4 3762509.7 648.6 5.00 31.82 1.40
YES NO
VOL178 0 0.82151E-03 489936.4 3762468.2 645.5 5.00 31.82 1.40
YES NO
VOL179 0 0.82151E-03 490425.1 3762441.2 661.4 5.00 31.82 1.40
YES NO
VOL180 0 0.82151E-03 490289.9 3762439.4 676.6 5.00 31.82 1.40
YES NO
VOL181 0 0.82151E-03 490154.6 3762435.7 660.5 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL182	0	0.82151E-03	490024.7	3762374.4	646.6	5.00	31.82	1.40	
YES		NO							
VOL183	0	0.82151E-03	490349.4	3762309.5	666.3	5.00	31.82	1.40	
YES		NO							
VOL184	0	0.82151E-03	490214.1	3762304.1	672.6	5.00	31.82	1.40	
YES		NO							
VOL185	0	0.82151E-03	490082.5	3762298.7	667.9	5.00	31.82	1.40	
YES		NO							
VOL186	0	0.82151E-03	489977.9	3762239.2	678.2	5.00	31.82	1.40	
YES		NO							
VOL187	0	0.82151E-03	489923.7	3762147.2	674.0	5.00	31.82	1.40	
YES		NO							
VOL188	0	0.82151E-03	490055.4	3762116.5	674.4	5.00	31.82	1.40	
YES		NO							
VOL189	0	0.82151E-03	490116.7	3762165.2	679.8	5.00	31.82	1.40	
YES		NO							
VOL190	0	0.82151E-03	490226.7	3762168.8	662.6	5.00	31.82	1.40	
YES		NO							
VOL191	0	0.82151E-03	490149.2	3762037.2	660.1	5.00	31.82	1.40	
YES		NO							
VOL192	0	0.82151E-03	494140.4	3761657.6	711.0	5.00	31.82	1.40	
YES		NO							
VOL193	0	0.82151E-03	494263.5	3761644.8	714.4	5.00	31.82	1.40	
YES		NO							
VOL194	0	0.82151E-03	494344.1	3761139.8	717.6	5.00	31.82	1.40	
YES		NO							
VOL195	0	0.82151E-03	494437.5	3761008.3	705.9	5.00	31.82	1.40	
YES		NO							
VOL196	0	0.82151E-03	494571.2	3761052.8	712.5	5.00	31.82	1.40	
YES		NO							
VOL197	0	0.82151E-03	494431.1	3761139.8	722.3	5.00	31.82	1.40	
YES		NO							

VOL198	0	0.82151E-03	494429.0	3761224.7	720.2	5.00	31.82	1.40	
YES		NO							
VOL199	0	0.82151E-03	494569.1	3761184.4	716.6	5.00	31.82	1.40	
YES		NO							
VOL200	0	0.82151E-03	491355.9	3762468.8	684.9	5.00	31.82	1.40	
YES		NO							
VOL201	0	0.82151E-03	491355.9	3762339.3	685.0	5.00	31.82	1.40	
YES		NO							
VOL202	0	0.82151E-03	491477.0	3762439.5	673.5	5.00	31.82	1.40	
YES		NO							
VOL203	0	0.82151E-03	492654.6	3762000.7	693.4	5.00	31.82	1.40	
YES		NO							
VOL204	0	0.82151E-03	492789.0	3762024.0	698.2	5.00	31.82	1.40	
YES		NO							
VOL205	0	0.82151E-03	492859.9	3762014.8	699.4	5.00	31.82	1.40	
YES		NO							
VOL206	0	0.82151E-03	492855.7	3761893.6	694.7	5.00	31.82	1.40	
YES		NO							
VOL207	0	0.82151E-03	492848.7	3761753.0	689.6	5.00	31.82	1.40	
YES		NO							
VOL208	0	0.82151E-03	492716.4	3761750.2	694.9	5.00	31.82	1.40	
YES		NO							
VOL209	0	0.82151E-03	492768.0	3761883.9	694.8	5.00	31.82	1.40	
YES		NO							
VOL210	0	0.82151E-03	493508.5	3761601.1	708.9	5.00	31.82	1.40	
YES		NO							
VOL211	0	0.82151E-03	493505.2	3761466.7	686.8	5.00	31.82	1.40	
YES		NO							
VOL212	0	0.82151E-03	493510.2	3761332.4	683.2	5.00	31.82	1.40	
YES		NO							
VOL213	0	0.82151E-03	493492.1	3761227.5	682.8	5.00	31.82	1.40	
YES		NO							
VOL214	0	0.82151E-03	493597.0	3761463.4	690.2	5.00	31.82	1.40	
YES		NO							
VOL215	0	0.82151E-03	493616.7	3761335.6	681.8	5.00	31.82	1.40	
YES		NO							
VOL216	0	0.82151E-03	490886.0	3761758.3	670.2	5.00	31.82	1.40	
YES		NO							
VOL217	0	0.82151E-03	490872.5	3761650.4	671.5	5.00	31.82	1.40	
YES		NO							
VOL218	0	0.82151E-03	490756.9	3761795.0	659.5	5.00	31.82	1.40	
YES		NO							
VOL219	0	0.82151E-03	490743.4	3761679.3	673.1	5.00	31.82	1.40	
YES		NO							
VOL220	0	0.82151E-03	490701.0	3761902.9	656.2	5.00	31.82	1.40	
YES		NO							
VOL221	0	0.82151E-03	490564.1	3761870.1	665.2	5.00	31.82	1.40	
YES		NO							

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
SOURCE	CATS.								

- -

- - - - - - - - - - - - -

VOL222	0	0.82151E-03	490431.1	3761864.4	673.6	5.00	31.82	1.40
YES		NO						
VOL223	0	0.82151E-03	490332.8	3761829.7	675.2	5.00	31.82	1.40
YES		NO						
VOL224	0	0.82151E-03	490307.8	3761733.3	676.1	5.00	31.82	1.40
YES		NO						
VOL225	0	0.82151E-03	490448.5	3761725.6	677.0	5.00	31.82	1.40
YES		NO						
VOL226	0	0.82151E-03	490577.6	3761733.3	674.4	5.00	31.82	1.40
YES		NO						
VOL227	0	0.82151E-03	490668.2	3761773.8	666.8	5.00	31.82	1.40
YES		NO						
VOL228	0	0.82151E-03	490074.5	3761694.7	668.0	5.00	31.82	1.40
YES		NO						
VOL229	0	0.82151E-03	490084.2	3761548.2	673.3	5.00	31.82	1.40
YES		NO						
VOL230	0	0.82151E-03	489947.3	3761532.8	673.8	5.00	31.82	1.40
YES		NO						
VOL231	0	0.82151E-03	489812.4	3761476.9	667.9	5.00	31.82	1.40
YES		NO						
VOL232	0	0.82151E-03	489739.1	3761488.5	668.5	5.00	31.82	1.40
YES		NO						
VOL233	0	0.82151E-03	490205.6	3761627.3	670.8	5.00	31.82	1.40
YES		NO						
VOL235	0	0.82151E-03	490014.8	3761714.0	660.8	5.00	31.82	1.40
YES		NO						
VOL236	0	0.82151E-03	489798.9	3762429.1	665.9	5.00	31.82	1.40
YES		NO						
VOL237	0	0.82151E-03	489681.3	3762438.8	667.2	5.00	31.82	1.40
YES		NO						
VOL238	0	0.82151E-03	489671.7	3762305.8	664.8	5.00	31.82	1.40
YES		NO						
VOL239	0	0.82151E-03	489808.5	3762305.8	670.4	5.00	31.82	1.40
YES		NO						
VOL240	0	0.82151E-03	489904.9	3762334.7	671.7	5.00	31.82	1.40
YES		NO						
VOL241	0	0.82151E-03	489845.1	3762168.9	672.3	5.00	31.82	1.40
YES		NO						
VOL242	0	0.82151E-03	489708.3	3762170.8	682.2	5.00	31.82	1.40
YES		NO						
VOL243	0	0.82151E-03	489669.7	3762165.0	678.8	5.00	31.82	1.40
YES		NO						
VOL244	0	0.82151E-03	489662.0	3762032.1	681.2	5.00	31.82	1.40
YES		NO						
VOL245	0	0.82151E-03	489802.7	3762032.1	676.7	5.00	31.82	1.40
YES		NO						
VOL246	0	0.82151E-03	489941.5	3762008.9	669.3	5.00	31.82	1.40
YES		NO						
VOL247	0	0.82151E-03	490036.0	3761981.9	670.4	5.00	31.82	1.40
YES		NO						
VOL248	0	0.82151E-03	490009.0	3761843.2	663.4	5.00	31.82	1.40
YES		NO						
VOL249	0	0.82151E-03	489899.1	3761875.9	660.1	5.00	31.82	1.40
YES		NO						
VOL250	0	0.82151E-03	489808.5	3761895.2	671.5	5.00	31.82	1.40
YES		NO						
VOL251	0	0.82151E-03	489669.7	3761889.4	668.6	5.00	31.82	1.40
YES		NO						
VOL252	0	0.82151E-03	489866.3	3761787.3	661.2	5.00	31.82	1.40
YES		NO						
VOL253	0	0.82151E-03	489725.6	3761785.3	669.0	5.00	31.82	1.40
YES		NO						
VOL254	0	0.82151E-03	490479.5	3762532.8	635.8	5.00	31.82	1.40
YES		NO						

```
 VOL255          0   0.82151E-03  490599.4 3762518.8   626.8     5.00    31.82     1.40
 YES                   NO
 VOL256          0   0.82151E-03  490971.6 3762447.1   635.5     5.00    31.82     1.40
 YES                   NO
 VOL257          0   0.82151E-03  491089.9 3762468.9   663.0     5.00    31.82     1.40
 YES                   NO
 VOL258          0   0.82151E-03  491006.0 3761570.2   677.5     5.00    31.82     1.40
 YES                   NO
 VOL259          0   0.82151E-03  491143.1 3761571.7   657.8     5.00    31.82     1.40
 YES                   NO
 VOL260          0   0.82151E-03  491278.5 3761567.1   669.7     5.00    31.82     1.40
 YES                   NO
 VOL261          0   0.82151E-03  493581.7 3761666.7   707.1     5.00    31.82     1.40
 YES                   NO
 VOL262          0   0.82151E-03  493594.1 3761563.9   684.0     5.00    31.82     1.40
 YES                   NO
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Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:50:47

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 VOL263          0   0.82151E-03  494462.9 3760869.0   700.3     5.00    31.82     1.40
 YES                   NO
 VOL264          0   0.82151E-03  493760.1 3760912.3   681.9     5.00    31.82     1.40
 YES                   NO
 VOL265          0   0.82151E-03  492959.0 3761011.0   668.8     5.00    31.82     1.40
 YES                   NO
 VOL266          0   0.82151E-03  491541.7 3762540.3   681.6     5.00    31.82     1.40
 YES                   NO
 VOL267          0   0.82151E-03  492117.1 3761843.8   682.3     5.00    31.82     1.40
 YES                   NO
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Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       13:50:47

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        VOL4        , VOL5        , VOL6        , VOL7        , VOL8        , VOL9        ,
  VOL10       , VOL11       ,

             VOL12       , VOL16       , VOL17       , VOL18       , VOL19       , VOL20       ,
             VOL21       , VOL22       ,
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VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 ,
VOL35 , VOL36 ,

VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 ,
VOL51 , VOL52 ,

VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 ,
VOL59 , VOL60 ,

VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 ,
VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 ,
VOL212 , VOL213 ,

VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 ,
VOL220 , VOL221 ,

VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 ,
VOL228 , VOL229 ,

VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 ,
VOL237 , VOL238 ,

VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 ,
VOL245 , VOL246 ,

VOL247 , VOL248 , VOL249 , VOL250 , VOL251 , VOL252 ,
VOL253 , VOL254 ,

VOL255 , VOL256 , VOL257 , VOL258 , VOL259 , VOL260 ,
VOL261 , VOL262 ,

VOL263 , VOL264 , VOL265 , VOL266 , VOL267 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
		VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 ,

VOL67 , VOL68 ,

VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 ,
VOL76 , VOL77 ,

VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 ,
VOL84 , VOL85 ,

VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 ,
VOL92 , VOL93 ,

VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 ,
VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

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           VOL206      , VOL207      , VOL208      , VOL209      , VOL210      , VOL211      ,
           VOL212      , VOL213      ,

           VOL214      , VOL215      , VOL216      , VOL217      , VOL218      , VOL219      ,
           VOL220      , VOL221      ,

           VOL222      , VOL223      , VOL224      , VOL225      , VOL226      , VOL227      ,
           VOL228      , VOL229      ,

           VOL230      , VOL231      , VOL232      , VOL233      , VOL235      , VOL236      ,
           VOL237      , VOL238      ,

           VOL239      , VOL240      , VOL241      , VOL242      , VOL243      , VOL244      ,
           VOL245      , VOL246      ,

           VOL247      , VOL248      , VOL249      , VOL250      , VOL251      , VOL252      ,
           VOL253      , VOL254      ,

           VOL255      , VOL256      , VOL257      , VOL258      , VOL259      , VOL260      ,
           VOL261      , VOL262      ,

           VOL263      , VOL264      , VOL265      , VOL266      , VOL267      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
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 ***                                                                  ***       13:50:47

                     PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

    ( 493343.8, 3762037.3,     711.3,     711.3,       2.0);         ( 493410.0, 3761986.4,
    713.0,     713.0,       2.0);
    ( 493417.5, 3761973.0,     713.0,     713.0,       2.0);         ( 493468.3, 3761958.4,
    714.0,     714.0,       2.0);
    ( 493499.8, 3761947.4,     713.9,     713.9,       2.0);         ( 493614.4, 3761892.8,
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    ( 493613.7, 3761905.0,     712.0,     712.0,       2.0);         ( 493614.4, 3761917.1,
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    ( 493614.4, 3761927.4,     713.5,     713.5,       2.0);         ( 493613.3, 3761940.2,
    714.2,     714.2,       2.0);
    ( 493616.5, 3761952.1,     714.8,     714.8,       2.0);         ( 493615.2, 3761961.7,
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    ( 493614.5, 3761973.8,     715.6,     715.6,       2.0);         ( 493614.0, 3761985.0,
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    710.3,     725.0,       2.0);
    ( 493755.6, 3761733.7,     712.8,     725.0,       2.0);         ( 493750.5, 3761720.6,
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    ( 493745.9, 3761709.5,     711.5,     725.0,       2.0);         ( 493741.4, 3761696.9,
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    ( 493738.5, 3761681.0,     710.9,     726.0,       2.0);         ( 493737.4, 3761663.9,
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548.5, 696.0, 2.0);
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548.5, 706.0, 2.0);
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566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.9, 3762203.2, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90

```
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        13:50:47

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                  VOL6        , VOL7        , VOL8        ,
                    VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                    VOL17       , VOL18       , VOL19       ,
                    VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                    VOL25       , VOL26       , VOL30       ,
                    VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                    VOL47       , VOL48       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_2.5   IN
                                      MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
- - - -
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```
      3762025.73        0.39453  (12110124)
      493614.36   3762035.00        0.39048  (12110124)                493613.13
      3762043.74        0.38697  (12110124)
      493613.66   3762052.14        0.38325  (12110124)                493613.83
      3762061.58        0.37926  (12110124)
      493614.18   3762071.55        0.37511  (12110124)                493696.46
      3761742.53        0.56428m (14111524)
      493707.35   3761768.92        0.52863m (14111524)                493727.98
      3761742.80        0.53443m (14111524)
      493755.61   3761733.69        0.52099m (14111524)                493750.48
      3761720.58        0.53345m (14111524)
      493745.92   3761709.48        0.54422m (14111524)                493741.37
      3761696.95        0.55858m (14111524)
      493738.52   3761681.00        0.57389m (14111524)                493737.38
      3761663.91        0.58754m (14111524)
      493736.52   3761651.38        0.59760m (14111524)                494418.08
      3761416.13        0.60482  (13070724)
      494473.73   3761368.11        0.58494  (13070724)                494939.85
      3761394.35        0.38054  (13070724)
      494686.37   3761403.42        0.41982  (13070724)                494575.98
      3761568.60        0.39225  (13070724)
      494541.49   3761602.79        0.40281  (13070724)                494822.53
      3761435.24        0.36735  (13070724)
      494846.18   3761504.63        0.34805  (13070724)                494841.06
      3761535.78        0.34192  (13070724)
      494837.90   3761553.12        0.33826  (13070724)                494885.61
      3761199.09        0.43698  (13070724)
      494976.68   3761325.65        0.39277  (13070724)                494985.35
      3761366.25        0.37706  (13070724)
      495070.90   3761299.23        0.36420  (13070724)                495115.47
      3760632.60        0.35807  (12073124)
      495069.03   3760685.30        0.38299  (12073124)                495087.55
      3760728.31        0.39514  (12073124)
      495079.90   3760834.52        0.40901  (12073124)                495202.38
      3760883.65        0.38398  (12073124)
      495237.63   3760939.31        0.37419c (12080524)                495298.45
      3761048.56        0.36875c (13090124)
      490844.43   3759375.83        0.07612  (15011124)                490895.79
      3759357.70        0.07609  (15011124)
      490596.67   3759246.67        0.06957  (15011124)                489103.59
      3759859.22        0.06230  (15122224)
      488940.48   3759893.26        0.05974  (15122224)                488472.34
      3759865.64        0.05170  (15122224)
      488432.53   3759884.27        0.05137  (15122224)                488713.15
      3759827.76        0.05480  (15122224)
      487562.29   3760285.62        0.04284  (13122624)                487809.35
      3760420.86        0.04727  (15122224)
      487553.10   3761208.24        0.04912  (12122024)                487899.76
      3760972.40        0.05406  (15122224)
      487983.18   3762301.23        0.06370  (15011124)                487913.66
      3762403.25        0.06075  (15011124)
      487890.59   3762238.09        0.06098  (15011124)                488190.14
      3762513.88        0.06896  (15011124)
      488424.39   3762586.51        0.07745  (15011124)                488657.54
      3762495.87        0.09383  (15011124)
      488908.17   3762583.23        0.11112  (15011124)                489170.26
      3762660.77        0.13914  (15011124)
      489382.17   3762809.64        0.15406  (15011124)                489294.91
      3762783.65        0.14465  (15011124)
      489889.72   3762661.22        0.35969m (14111524)                490022.93
      3762783.29        0.27623m (14111524)
      490423.96   3762839.25        0.27584m (14111524)                490375.94
      3762870.37        0.26108m (14111524)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.32081m	(14111524)	491132.33	3762903.51	0.26917m	(14111524)
492890.92	3762203.25	0.64829m	(14111524)	492961.55	3762258.51	0.52339m	(14111524)
493033.99	3762272.60	0.48412	(14013024)	493032.31	3762205.18	0.52157	(14013024)
493087.32	3762215.25	0.48570	(14013024)	493079.94	3762296.41	0.45766	(14013024)
493163.79	3762367.18	0.36502	(14013024)	493068.87	3762510.05	0.35045	(14013024)
493101.07	3762454.71	0.37079	(14013024)	493281.84	3762369.19	0.36657	(14013024)
493351.51	3762095.42	0.46286	(14013024)	493439.48	3762105.84	0.42767	(14013024)
493972.90	3763044.23	0.15246	(12021924)	493957.03	3763184.09	0.14072	(12021924)
493583.55	3763480.45	0.11268	(12021924)	493258.47	3763568.15	0.11121	(13111624)
492895.78	3763485.72	0.13277m	(14111524)	493781.01	3761659.05	0.54898c	(12080524)
493797.63	3761658.35	0.53564c	(12080524)	493831.94	3761631.47	0.51856c	(12080524)
493900.20	3761664.01	0.48441m	(14111524)	493918.59	3761666.13	0.48506m	(14111524)
493929.55	3761662.24	0.49083m	(14111524)	493945.82	3761667.90	0.48161m	(14111524)
493758.37	3761524.30	0.61958	(13102324)	493961.03	3761672.85	0.47713m	(14111524)
493975.18	3761679.57	0.48022m	(14111524)	493987.55	3761687.70	0.47707m	(14111524)
493998.87	3761697.25	0.47506m	(14111524)	494007.71	3761707.51	0.46657m	(14111524)
494016.91	3761718.12	0.45191m	(14111524)	494024.69	3761730.85	0.45017m	(14111524)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.64829m ON 14111524:	AT (492890.92, 3762203.25, 695.85, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 13:50:47

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 553 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 553 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Ops CO\15218
Ph5 Ops CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2189641 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Ops CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
```

LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
LOCATION VOL51	VOLUME	493605.815	3760986.953	697.590
LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
LOCATION VOL62	VOLUME	494174.278	3760981.156	692.870
LOCATION VOL63	VOLUME	494301.652	3760992.949	697.050
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
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LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
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LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
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LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
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LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
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LOCATION VOL109	VOLUME	492457.862	3761183.212	697.370
LOCATION VOL110	VOLUME	492440.336	3761057.824	691.830
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LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
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   SRCPARAM VOL304       0.0252461953     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED "15218 Ph5 Ops CO.rou"
RE FINISHED
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** AERMOD Meteorology Pathway
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**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH5 OPS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "15218 PH5 OPS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "15218 Ph5 Ops CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
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 ME W186     627       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     627       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:55:04

                     PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   282 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:    282 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    282 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
```

b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph5 Ops CO.err
**File for Summary of Results: 15218 Ph5 Ops CO.sum

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 14:55:04

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL4	0	0.25246E-01	NO	492797.1	3762283.9	695.0	5.00	31.82	1.40
YES									
VOL5	0	0.25246E-01	NO	493197.6	3761815.0	710.4	5.00	31.82	1.40
YES									
VOL6	0	0.25246E-01	NO	492524.0	3762265.1	688.3	5.00	31.82	1.40
YES									
VOL7	0	0.25246E-01	NO	492388.1	3762262.6	696.8	5.00	31.82	1.40
YES									
VOL8	0	0.25246E-01	NO	492254.8	3762271.8	683.2	5.00	31.82	1.40
YES									
VOL9	0	0.25246E-01	NO	493145.9	3761467.1	686.4	5.00	31.82	1.40
YES									
VOL10	0	0.25246E-01	NO	493285.0	3761471.8	687.9	5.00	31.82	1.40
YES									
VOL11	0	0.25246E-01	NO	493368.3	3761535.2	695.0	5.00	31.82	1.40
YES									
VOL12	0	0.25246E-01	NO	493510.0	3761002.1	674.8	5.00	31.82	1.40
YES									
VOL16	0	0.25246E-01	NO	492659.4	3762267.1	695.9	5.00	31.82	1.40
YES									
VOL17	0	0.25246E-01	NO	493185.4	3761712.2	707.4	5.00	31.82	1.40
YES									
VOL18	0	0.25246E-01	NO	491986.2	3762340.0	678.9	5.00	31.82	1.40
YES									
VOL19	0	0.25246E-01	NO	491843.1	3762383.8	670.7	5.00	31.82	1.40
YES									

VOL20	0	0.25246E-01	492118.5	3762307.8	682.7	5.00	31.82	1.40
YES		NO						
VOL21	0	0.25246E-01	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.25246E-01	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.25246E-01	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.25246E-01	493874.8	3761274.2	695.9	5.00	31.82	1.40
YES		NO						
VOL25	0	0.25246E-01	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						
VOL26	0	0.25246E-01	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES		NO						
VOL30	0	0.25246E-01	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES		NO						
VOL31	0	0.25246E-01	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES		NO						
VOL35	0	0.25246E-01	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES		NO						
VOL36	0	0.25246E-01	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES		NO						
VOL37	0	0.25246E-01	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES		NO						
VOL46	0	0.25246E-01	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES		NO						
VOL47	0	0.25246E-01	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES		NO						
VOL48	0	0.25246E-01	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES		NO						
VOL49	0	0.25246E-01	493730.8	3761261.8	682.1	5.00	31.82	1.40
YES		NO						
VOL50	0	0.25246E-01	493622.3	3761120.3	685.5	5.00	31.82	1.40
YES		NO						
VOL51	0	0.25246E-01	493605.8	3760987.0	697.6	5.00	31.82	1.40
YES		NO						
VOL52	0	0.25246E-01	493754.4	3761122.7	701.4	5.00	31.82	1.40
YES		NO						
VOL53	0	0.25246E-01	493888.9	3761136.8	695.4	5.00	31.82	1.40
YES		NO						
VOL54	0	0.25246E-01	494028.0	3761118.0	705.9	5.00	31.82	1.40
YES		NO						
VOL55	0	0.25246E-01	494162.5	3761118.0	703.1	5.00	31.82	1.40
YES		NO						
VOL56	0	0.25246E-01	494212.0	3761120.3	695.8	5.00	31.82	1.40
YES		NO						
VOL57	0	0.25246E-01	493747.3	3760981.2	688.8	5.00	31.82	1.40
YES		NO						
VOL58	0	0.25246E-01	493888.9	3760995.3	684.8	5.00	31.82	1.40
YES		NO						
VOL59	0	0.25246E-01	493884.1	3760901.0	683.2	5.00	31.82	1.40
YES		NO						
VOL60	0	0.25246E-01	494032.8	3760981.2	693.3	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.

SOURCE ID	URBAN SOURCE	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SCALAR VARY BY
VOL61	0	0.25246E-01	494025.7	3760901.0	694.7	5.00	31.82	1.40	NO
VOL62	0	0.25246E-01	494174.3	3760981.2	692.9	5.00	31.82	1.40	NO
VOL63	0	0.25246E-01	494301.7	3760992.9	697.0	5.00	31.82	1.40	NO
VOL64	0	0.25246E-01	494287.9	3761410.9	719.0	5.00	31.82	1.40	NO
VOL65	0	0.25246E-01	492653.1	3762138.7	689.1	5.00	31.82	1.40	NO
VOL66	0	0.25246E-01	491979.9	3762211.7	686.9	5.00	31.82	1.40	NO
VOL67	0	0.25246E-01	491836.8	3762255.5	683.4	5.00	31.82	1.40	NO
VOL68	0	0.25246E-01	492112.2	3762179.4	689.5	5.00	31.82	1.40	NO
VOL69	0	0.25246E-01	491694.4	3762248.6	690.2	5.00	31.82	1.40	NO
VOL70	0	0.25246E-01	492517.7	3762136.8	695.7	5.00	31.82	1.40	NO
VOL71	0	0.25246E-01	492381.8	3762134.3	693.9	5.00	31.82	1.40	NO
VOL72	0	0.25246E-01	492248.5	3762143.5	690.0	5.00	31.82	1.40	NO
VOL74	0	0.25246E-01	491979.9	3762077.8	692.8	5.00	31.82	1.40	NO
VOL75	0	0.25246E-01	491917.1	3762126.5	686.3	5.00	31.82	1.40	NO
VOL76	0	0.25246E-01	492112.2	3762045.6	687.6	5.00	31.82	1.40	NO
VOL77	0	0.25246E-01	492234.6	3761900.7	682.3	5.00	31.82	1.40	NO
VOL78	0	0.25246E-01	492517.7	3762002.9	686.1	5.00	31.82	1.40	NO
VOL79	0	0.25246E-01	492381.8	3762000.4	683.7	5.00	31.82	1.40	NO
VOL80	0	0.25246E-01	492248.5	3762009.6	684.6	5.00	31.82	1.40	NO
VOL81	0	0.25246E-01	492101.1	3761906.6	686.0	5.00	31.82	1.40	NO
VOL82	0	0.25246E-01	491981.9	3761950.4	678.8	5.00	31.82	1.40	NO
VOL83	0	0.25246E-01	491977.0	3761816.6	673.3	5.00	31.82	1.40	NO
VOL84	0	0.25246E-01	491928.4	3761984.5	688.2	5.00	31.82	1.40	NO
VOL85	0	0.25246E-01	491930.8	3761843.4	679.8	5.00	31.82	1.40	NO
VOL86	0	0.25246E-01	491794.5	3761889.6	686.2	5.00	31.82	1.40	NO
VOL87	0	0.25246E-01	491658.3	3761877.4	655.9	5.00	31.82	1.40	NO
VOL88	0	0.25246E-01	491835.9	3761787.4	683.2	5.00	31.82	1.40	NO
VOL89	0	0.25246E-01	491702.1	3761770.4	661.0	5.00	31.82	1.40	NO
VOL90	0	0.25246E-01	491592.6	3761743.6	657.9	5.00	31.82	1.40	NO

VOL91 0 0.25246E-01 491801.8 3762386.9 675.2 5.00 31.82 1.40
YES NO
VOL92 0 0.25246E-01 493009.6 3761326.3 677.2 5.00 31.82 1.40
YES NO
VOL93 0 0.25246E-01 493007.3 3761184.8 680.7 5.00 31.82 1.40
YES NO
VOL94 0 0.25246E-01 492989.8 3761059.4 667.2 5.00 31.82 1.40
YES NO
VOL95 0 0.25246E-01 493007.3 3761467.9 685.7 5.00 31.82 1.40
YES NO
VOL96 0 0.25246E-01 492870.9 3761328.5 683.9 5.00 31.82 1.40
YES NO
VOL97 0 0.25246E-01 492868.6 3761187.0 685.6 5.00 31.82 1.40
YES NO
VOL98 0 0.25246E-01 492851.0 3761061.6 685.9 5.00 31.82 1.40
YES NO
VOL99 0 0.25246E-01 492868.6 3761470.1 684.7 5.00 31.82 1.40
YES NO
VOL100 0 0.25246E-01 492734.4 3761330.7 695.1 5.00 31.82 1.40
YES NO
VOL101 0 0.25246E-01 492732.0 3761189.2 696.1 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL102	0	0.25246E-01	492714.5	3761063.8	701.2	5.00	31.82	1.40
YES		NO						
VOL103	0	0.25246E-01	492732.0	3761472.3	683.0	5.00	31.82	1.40
YES		NO						
VOL104	0	0.25246E-01	492600.0	3761332.9	685.1	5.00	31.82	1.40
YES		NO						
VOL105	0	0.25246E-01	492597.7	3761191.4	696.6	5.00	31.82	1.40
YES		NO						
VOL106	0	0.25246E-01	492580.2	3761066.0	698.9	5.00	31.82	1.40
YES		NO						
VOL107	0	0.25246E-01	492597.7	3761474.5	684.3	5.00	31.82	1.40
YES		NO						
VOL108	0	0.25246E-01	492460.2	3761324.7	683.3	5.00	31.82	1.40
YES		NO						
VOL109	0	0.25246E-01	492457.9	3761183.2	697.4	5.00	31.82	1.40
YES		NO						
VOL110	0	0.25246E-01	492440.3	3761057.8	691.8	5.00	31.82	1.40
YES		NO						
VOL111	0	0.25246E-01	492457.9	3761466.3	683.8	5.00	31.82	1.40
YES		NO						
VOL112	0	0.25246E-01	492547.6	3761006.4	698.0	5.00	31.82	1.40
YES		NO						
VOL113	0	0.25246E-01	492686.4	3761006.4	700.8	5.00	31.82	1.40
YES		NO						

VOL114	0	0.25246E-01	492827.3	3761010.8	686.2	5.00	31.82	1.40
YES		NO						
VOL115	0	0.25246E-01	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES		NO						
VOL116	0	0.25246E-01	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES		NO						
VOL117	0	0.25246E-01	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES		NO						
VOL118	0	0.25246E-01	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						
VOL119	0	0.25246E-01	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.25246E-01	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.25246E-01	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.25246E-01	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.25246E-01	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.25246E-01	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.25246E-01	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.25246E-01	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.25246E-01	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.25246E-01	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.25246E-01	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.25246E-01	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.25246E-01	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.25246E-01	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.25246E-01	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.25246E-01	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.25246E-01	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.25246E-01	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.25246E-01	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.25246E-01	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.25246E-01	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.25246E-01	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.25246E-01	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL142	0	0.25246E-01	492058.8	3762453.2	684.2	5.00	31.82	1.40	YES
VOL143	0	0.25246E-01	492135.8	3762514.9	686.2	5.00	31.82	1.40	YES
VOL144	0	0.25246E-01	491926.6	3762475.2	684.2	5.00	31.82	1.40	YES
VOL145	0	0.25246E-01	491781.3	3762517.1	682.3	5.00	31.82	1.40	YES
VOL146	0	0.25246E-01	491926.6	3762517.1	687.8	5.00	31.82	1.40	YES
VOL147	0	0.25246E-01	492038.9	3762517.1	687.9	5.00	31.82	1.40	YES
VOL148	0	0.25246E-01	494205.9	3761460.0	714.0	5.00	31.82	1.40	YES
VOL149	0	0.25246E-01	491610.6	3762444.9	676.3	5.00	31.82	1.40	YES
VOL150	0	0.25246E-01	492325.0	3761335.6	691.0	5.00	31.82	1.40	YES
VOL151	0	0.25246E-01	492322.6	3761477.1	685.4	5.00	31.82	1.40	YES
VOL152	0	0.25246E-01	492305.1	3761068.7	680.8	5.00	31.82	1.40	YES
VOL153	0	0.25246E-01	492322.6	3761194.1	682.6	5.00	31.82	1.40	YES
VOL154	0	0.25246E-01	492191.5	3761335.6	683.7	5.00	31.82	1.40	YES
VOL155	0	0.25246E-01	492189.2	3761477.1	693.8	5.00	31.82	1.40	YES
VOL156	0	0.25246E-01	492238.4	3761059.6	676.0	5.00	31.82	1.40	YES
VOL157	0	0.25246E-01	492189.2	3761194.1	677.8	5.00	31.82	1.40	YES
VOL158	0	0.25246E-01	492419.9	3760998.3	689.8	5.00	31.82	1.40	YES
VOL159	0	0.25246E-01	492111.4	3761281.5	683.5	5.00	31.82	1.40	YES
VOL160	0	0.25246E-01	492055.5	3761413.1	669.3	5.00	31.82	1.40	YES
VOL161	0	0.25246E-01	492057.3	3761515.9	682.8	5.00	31.82	1.40	YES
VOL162	0	0.25246E-01	492008.6	3761494.3	684.2	5.00	31.82	1.40	YES
VOL163	0	0.25246E-01	492014.1	3761416.7	668.3	5.00	31.82	1.40	YES
VOL164	0	0.25246E-01	492190.8	3761535.8	686.1	5.00	31.82	1.40	YES
VOL165	0	0.25246E-01	492326.1	3761519.5	681.3	5.00	31.82	1.40	YES
VOL166	0	0.25246E-01	493401.0	3761806.3	709.4	5.00	31.82	1.40	YES
VOL167	0	0.25246E-01	493514.6	3761800.9	707.0	5.00	31.82	1.40	YES
VOL168	0	0.25246E-01	491218.7	3762466.4	662.9	5.00	31.82	1.40	YES
VOL169	0	0.25246E-01	491225.9	3762334.7	670.5	5.00	31.82	1.40	YES

VOL170 0 0.25246E-01 491247.5 3762210.3 671.3 5.00 31.82 1.40
YES NO
VOL171 0 0.25246E-01 491083.4 3762369.0 660.6 5.00 31.82 1.40
YES NO
VOL172 0 0.25246E-01 491112.3 3762230.1 666.9 5.00 31.82 1.40
YES NO
VOL173 0 0.25246E-01 490867.0 3762534.9 630.8 5.00 31.82 1.40
YES NO
VOL174 0 0.25246E-01 490726.3 3762533.1 641.0 5.00 31.82 1.40
YES NO
VOL175 0 0.25246E-01 490347.6 3762574.6 669.2 5.00 31.82 1.40
YES NO
VOL176 0 0.25246E-01 490208.7 3762567.4 659.0 5.00 31.82 1.40
YES NO
VOL177 0 0.25246E-01 490073.4 3762509.7 648.6 5.00 31.82 1.40
YES NO
VOL178 0 0.25246E-01 489936.4 3762468.2 645.5 5.00 31.82 1.40
YES NO
VOL179 0 0.25246E-01 490425.1 3762441.2 661.4 5.00 31.82 1.40
YES NO
VOL180 0 0.25246E-01 490289.9 3762439.4 676.6 5.00 31.82 1.40
YES NO
VOL181 0 0.25246E-01 490154.6 3762435.7 660.5 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL182	0	0.25246E-01	490024.7	3762374.4	646.6	5.00	31.82	1.40
YES		NO						
VOL183	0	0.25246E-01	490349.4	3762309.5	666.3	5.00	31.82	1.40
YES		NO						
VOL184	0	0.25246E-01	490214.1	3762304.1	672.6	5.00	31.82	1.40
YES		NO						
VOL185	0	0.25246E-01	490082.5	3762298.7	667.9	5.00	31.82	1.40
YES		NO						
VOL186	0	0.25246E-01	489977.9	3762239.2	678.2	5.00	31.82	1.40
YES		NO						
VOL187	0	0.25246E-01	489923.7	3762147.2	674.0	5.00	31.82	1.40
YES		NO						
VOL188	0	0.25246E-01	490055.4	3762116.5	674.4	5.00	31.82	1.40
YES		NO						
VOL189	0	0.25246E-01	490116.7	3762165.2	679.8	5.00	31.82	1.40
YES		NO						
VOL190	0	0.25246E-01	490226.7	3762168.8	662.6	5.00	31.82	1.40
YES		NO						
VOL191	0	0.25246E-01	490149.2	3762037.2	660.1	5.00	31.82	1.40
YES		NO						
VOL192	0	0.25246E-01	494140.4	3761657.6	711.0	5.00	31.82	1.40
YES		NO						

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 VOL193          0   0.25246E-01  494263.5 3761644.8   714.4     5.00    31.82     1.40
 YES                   NO
 VOL194          0   0.25246E-01  494344.1 3761139.8   717.6     5.00    31.82     1.40
 YES                   NO
 VOL195          0   0.25246E-01  494437.5 3761008.3   705.9     5.00    31.82     1.40
 YES                   NO
 VOL196          0   0.25246E-01  494571.2 3761052.8   712.5     5.00    31.82     1.40
 YES                   NO
 VOL197          0   0.25246E-01  494431.1 3761139.8   722.3     5.00    31.82     1.40
 YES                   NO
 VOL198          0   0.25246E-01  494429.0 3761224.7   720.2     5.00    31.82     1.40
 YES                   NO
 VOL199          0   0.25246E-01  494569.1 3761184.4   716.6     5.00    31.82     1.40
 YES                   NO
 VOL200          0   0.25246E-01  491355.9 3762468.8   684.9     5.00    31.82     1.40
 YES                   NO
 VOL201          0   0.25246E-01  491355.9 3762339.3   685.0     5.00    31.82     1.40
 YES                   NO
 VOL202          0   0.25246E-01  491477.0 3762439.5   673.5     5.00    31.82     1.40
 YES                   NO
 VOL203          0   0.25246E-01  492654.6 3762000.7   693.4     5.00    31.82     1.40
 YES                   NO
 VOL204          0   0.25246E-01  492789.0 3762024.0   698.2     5.00    31.82     1.40
 YES                   NO
 VOL205          0   0.25246E-01  492859.9 3762014.8   699.4     5.00    31.82     1.40
 YES                   NO
 VOL206          0   0.25246E-01  492855.7 3761893.6   694.7     5.00    31.82     1.40
 YES                   NO
 VOL207          0   0.25246E-01  492848.7 3761753.0   689.6     5.00    31.82     1.40
 YES                   NO
 VOL208          0   0.25246E-01  492716.4 3761750.2   694.9     5.00    31.82     1.40
 YES                   NO
 VOL209          0   0.25246E-01  492768.0 3761883.9   694.8     5.00    31.82     1.40
 YES                   NO
 VOL210          0   0.25246E-01  493508.5 3761601.1   708.9     5.00    31.82     1.40
 YES                   NO
 VOL211          0   0.25246E-01  493505.2 3761466.7   686.8     5.00    31.82     1.40
 YES                   NO
 VOL212          0   0.25246E-01  493510.2 3761332.4   683.2     5.00    31.82     1.40
 YES                   NO
 VOL213          0   0.25246E-01  493492.1 3761227.5   682.8     5.00    31.82     1.40
 YES                   NO
 VOL214          0   0.25246E-01  493597.0 3761463.4   690.2     5.00    31.82     1.40
 YES                   NO
 VOL215          0   0.25246E-01  493616.7 3761335.6   681.8     5.00    31.82     1.40
 YES                   NO
 VOL216          0   0.25246E-01  490886.0 3761758.3   670.2     5.00    31.82     1.40
 YES                   NO
 VOL217          0   0.25246E-01  490872.5 3761650.4   671.5     5.00    31.82     1.40
 YES                   NO
 VOL218          0   0.25246E-01  490756.9 3761795.0   659.5     5.00    31.82     1.40
 YES                   NO
 VOL219          0   0.25246E-01  490743.4 3761679.3   673.1     5.00    31.82     1.40
 YES                   NO
 VOL220          0   0.25246E-01  490701.0 3761902.9   656.2     5.00    31.82     1.40
 YES                   NO
 VOL221          0   0.25246E-01  490564.1 3761870.1   665.2     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:55:04

                     PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	VARY BY
VOL222	0	0.25246E-01	490431.1	3761864.4	673.6	5.00	31.82	1.40	NO
VOL223	0	0.25246E-01	490332.8	3761829.7	675.2	5.00	31.82	1.40	NO
VOL224	0	0.25246E-01	490307.8	3761733.3	676.1	5.00	31.82	1.40	NO
VOL225	0	0.25246E-01	490448.5	3761725.6	677.0	5.00	31.82	1.40	NO
VOL226	0	0.25246E-01	490577.6	3761733.3	674.4	5.00	31.82	1.40	NO
VOL227	0	0.25246E-01	490668.2	3761773.8	666.8	5.00	31.82	1.40	NO
VOL228	0	0.25246E-01	490074.5	3761694.7	668.0	5.00	31.82	1.40	NO
VOL229	0	0.25246E-01	490084.2	3761548.2	673.3	5.00	31.82	1.40	NO
VOL230	0	0.25246E-01	489947.3	3761532.8	673.8	5.00	31.82	1.40	NO
VOL231	0	0.25246E-01	489812.4	3761476.9	667.9	5.00	31.82	1.40	NO
VOL232	0	0.25246E-01	489739.1	3761488.5	668.5	5.00	31.82	1.40	NO
VOL233	0	0.25246E-01	490205.6	3761627.3	670.8	5.00	31.82	1.40	NO
VOL235	0	0.25246E-01	490014.8	3761714.0	660.8	5.00	31.82	1.40	NO
VOL236	0	0.25246E-01	489798.9	3762429.1	665.9	5.00	31.82	1.40	NO
VOL237	0	0.25246E-01	489681.3	3762438.8	667.2	5.00	31.82	1.40	NO
VOL238	0	0.25246E-01	489671.7	3762305.8	664.8	5.00	31.82	1.40	NO
VOL239	0	0.25246E-01	489808.5	3762305.8	670.4	5.00	31.82	1.40	NO
VOL240	0	0.25246E-01	489904.9	3762334.7	671.7	5.00	31.82	1.40	NO
VOL241	0	0.25246E-01	489845.1	3762168.9	672.3	5.00	31.82	1.40	NO
VOL242	0	0.25246E-01	489708.3	3762170.8	682.2	5.00	31.82	1.40	NO
VOL243	0	0.25246E-01	489669.7	3762165.0	678.8	5.00	31.82	1.40	NO
VOL244	0	0.25246E-01	489662.0	3762032.1	681.2	5.00	31.82	1.40	NO
VOL245	0	0.25246E-01	489802.7	3762032.1	676.7	5.00	31.82	1.40	NO
VOL246	0	0.25246E-01	489941.5	3762008.9	669.3	5.00	31.82	1.40	NO
VOL247	0	0.25246E-01	490036.0	3761981.9	670.4	5.00	31.82	1.40	NO
VOL248	0	0.25246E-01	490009.0	3761843.2	663.4	5.00	31.82	1.40	NO
VOL249	0	0.25246E-01	489899.1	3761875.9	660.1	5.00	31.82	1.40	NO

VOL250 0 0.25246E-01 489808.5 3761895.2 671.5 5.00 31.82 1.40
YES NO
VOL251 0 0.25246E-01 489669.7 3761889.4 668.6 5.00 31.82 1.40
YES NO
VOL252 0 0.25246E-01 489866.3 3761787.3 661.2 5.00 31.82 1.40
YES NO
VOL253 0 0.25246E-01 489725.6 3761785.3 669.0 5.00 31.82 1.40
YES NO
VOL254 0 0.25246E-01 490479.5 3762532.8 635.8 5.00 31.82 1.40
YES NO
VOL255 0 0.25246E-01 490599.4 3762518.8 626.8 5.00 31.82 1.40
YES NO
VOL256 0 0.25246E-01 490971.6 3762447.1 635.5 5.00 31.82 1.40
YES NO
VOL257 0 0.25246E-01 491089.9 3762468.9 663.0 5.00 31.82 1.40
YES NO
VOL258 0 0.25246E-01 491006.0 3761570.2 677.5 5.00 31.82 1.40
YES NO
VOL259 0 0.25246E-01 491143.1 3761571.7 657.8 5.00 31.82 1.40
YES NO
VOL260 0 0.25246E-01 491278.5 3761567.1 669.7 5.00 31.82 1.40
YES NO
VOL261 0 0.25246E-01 493581.7 3761666.7 707.1 5.00 31.82 1.40
YES NO
VOL262 0 0.25246E-01 493594.1 3761563.9 684.0 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL263	0	0.25246E-01		494462.9	3760869.0	700.3	5.00	31.82	1.40
YES		NO							
VOL264	0	0.25246E-01		493760.1	3760912.3	681.9	5.00	31.82	1.40
YES		NO							
VOL265	0	0.25246E-01		492959.0	3761011.0	668.8	5.00	31.82	1.40
YES		NO							
VOL266	0	0.25246E-01		491541.7	3762540.3	681.6	5.00	31.82	1.40
YES		NO							
VOL267	0	0.25246E-01		492117.1	3761843.8	682.3	5.00	31.82	1.40
YES		NO							
VOL268	0	0.25246E-01		490185.8	3761768.3	673.4	5.00	31.82	1.40
YES		NO							
VOL269	0	0.25246E-01		490134.1	3761832.9	671.1	5.00	31.82	1.40
YES		NO							
VOL270	0	0.25246E-01		490166.4	3761910.5	671.3	5.00	31.82	1.40
YES		NO							
VOL271	0	0.25246E-01		490284.9	3761968.7	669.5	5.00	31.82	1.40
YES		NO							
VOL272	0	0.25246E-01		490289.2	3762059.2	665.2	5.00	31.82	1.40
YES		NO							

VOL273	0	0.25246E-01	490427.1	3761994.6	673.7	5.00	31.82	1.40
YES		NO						
VOL274	0	0.25246E-01	490259.0	3761876.0	673.4	5.00	31.82	1.40
YES		NO						
VOL275	0	0.25246E-01	490427.1	3762085.1	669.5	5.00	31.82	1.40
YES		NO						
VOL276	0	0.25246E-01	490567.2	3761998.9	666.8	5.00	31.82	1.40
YES		NO						
VOL277	0	0.25246E-01	490565.1	3762130.3	669.5	5.00	31.82	1.40
YES		NO						
VOL278	0	0.25246E-01	490627.5	3762261.8	653.7	5.00	31.82	1.40
YES		NO						
VOL279	0	0.25246E-01	490713.7	3762378.2	652.7	5.00	31.82	1.40
YES		NO						
VOL280	0	0.25246E-01	490707.3	3762039.8	663.0	5.00	31.82	1.40
YES		NO						
VOL281	0	0.25246E-01	490707.3	3762173.4	671.8	5.00	31.82	1.40
YES		NO						
VOL282	0	0.25246E-01	490752.5	3762263.9	667.0	5.00	31.82	1.40
YES		NO						
VOL283	0	0.25246E-01	490836.6	3761936.4	668.4	5.00	31.82	1.40
YES		NO						
VOL284	0	0.25246E-01	490840.9	3762076.5	645.1	5.00	31.82	1.40
YES		NO						
VOL285	0	0.25246E-01	490819.3	3762164.8	652.5	5.00	31.82	1.40
YES		NO						
VOL286	0	0.25246E-01	491009.0	3761705.8	674.3	5.00	31.82	1.40
YES		NO						
VOL287	0	0.25246E-01	491144.7	3761705.8	675.7	5.00	31.82	1.40
YES		NO						
VOL288	0	0.25246E-01	491274.0	3761701.5	680.1	5.00	31.82	1.40
YES		NO						
VOL289	0	0.25246E-01	490892.6	3761891.1	663.5	5.00	31.82	1.40
YES		NO						
VOL290	0	0.25246E-01	491017.6	3761839.4	657.1	5.00	31.82	1.40
YES		NO						
VOL291	0	0.25246E-01	491153.4	3761841.6	674.8	5.00	31.82	1.40
YES		NO						
VOL292	0	0.25246E-01	491280.5	3761841.6	686.0	5.00	31.82	1.40
YES		NO						
VOL293	0	0.25246E-01	491315.0	3761906.2	669.4	5.00	31.82	1.40
YES		NO						
VOL294	0	0.25246E-01	491177.1	3761910.5	662.7	5.00	31.82	1.40
YES		NO						
VOL295	0	0.25246E-01	491039.1	3761925.6	663.6	5.00	31.82	1.40
YES		NO						
VOL296	0	0.25246E-01	490957.3	3762014.0	645.0	5.00	31.82	1.40
YES		NO						
VOL297	0	0.25246E-01	490334.5	3761595.9	680.2	5.00	31.82	1.40
YES		NO						
VOL298	0	0.25246E-01	490431.4	3761604.5	677.6	5.00	31.82	1.40
YES		NO						
VOL299	0	0.25246E-01	492575.6	3761736.0	692.0	5.00	31.82	1.40
YES		NO						
VOL300	0	0.25246E-01	492629.5	3761863.1	690.3	5.00	31.82	1.40
YES		NO						
VOL301	0	0.25246E-01	492517.5	3761802.8	685.0	5.00	31.82	1.40
YES		NO						
VOL302	0	0.25246E-01	491368.9	3761522.6	658.3	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL303	0	0.25246E-01	491502.5	3761585.1	662.4	5.00	31.82	1.40	NO
VOL304	0	0.25246E-01	491638.2	3761662.7	643.6	5.00	31.82	1.40	NO

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
	VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 , VOL189 ,
	VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 , VOL197 ,
	VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 , VOL204 , VOL205 ,
	VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 , VOL212 , VOL213 ,
	VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 ,
	VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 ,
	VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 , VOL237 , VOL238 ,
	VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 ,
	VOL247 , VOL248 , VOL249 , VOL250 , VOL251 , VOL252 ,

VOL253 , VOL254 ,

VOL255 , VOL256 , VOL257 , VOL258 , VOL259 , VOL260 ,
VOL261 , VOL262 ,

VOL263 , VOL264 , VOL265 , VOL266 , VOL267 , VOL268 ,
VOL269 , VOL270 ,

VOL271 , VOL272 , VOL273 , VOL274 , VOL275 , VOL276 ,
VOL277 , VOL278 ,

VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 ,
VOL285 , VOL286 ,

VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 ,
VOL293 , VOL294 ,

VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 ,
VOL301 , VOL302 ,

VOL303 , VOL304 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
		VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
		VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
		VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
		VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
		VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,

VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,
VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 , VOL189 ,
		VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 , VOL197 ,
		VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 , VOL204 , VOL205 ,
		VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 , VOL212 , VOL213 ,
		VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 ,
		VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 ,
		VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 , VOL237 , VOL238 ,

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           VOL239      , VOL240      , VOL241      , VOL242      , VOL243      , VOL244      ,
           VOL245      , VOL246      ,

           VOL247      , VOL248      , VOL249      , VOL250      , VOL251      , VOL252      ,
           VOL253      , VOL254      ,

           VOL255      , VOL256      , VOL257      , VOL258      , VOL259      , VOL260      ,
           VOL261      , VOL262      ,

           VOL263      , VOL264      , VOL265      , VOL266      , VOL267      , VOL268      ,
           VOL269      , VOL270      ,

           VOL271      , VOL272      , VOL273      , VOL274      , VOL275      , VOL276      ,
           VOL277      , VOL278      ,

           VOL279      , VOL280      , VOL281      , VOL282      , VOL283      , VOL284      ,
           VOL285      , VOL286      ,

           VOL287      , VOL288      , VOL289      , VOL290      , VOL291      , VOL292      ,
           VOL293      , VOL294      ,

           VOL295      , VOL296      , VOL297      , VOL298      , VOL299      , VOL300      ,
           VOL301      , VOL302      ,

           VOL303      , VOL304      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       14:55:04

                     PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

    ( 493343.8, 3762037.3,     711.3,     711.3,       2.0);         ( 493410.0, 3761986.4,
    713.0,     713.0,       2.0);
    ( 493417.5, 3761973.0,     713.0,     713.0,       2.0);         ( 493468.3, 3761958.4,
    714.0,     714.0,       2.0);
    ( 493499.8, 3761947.4,     713.9,     713.9,       2.0);         ( 493614.4, 3761892.8,
    711.3,     711.3,       2.0);
    ( 493613.7, 3761905.0,     712.0,     712.0,       2.0);         ( 493614.4, 3761917.1,
    712.9,     712.9,       2.0);
    ( 493614.4, 3761927.4,     713.5,     713.5,       2.0);         ( 493613.3, 3761940.2,
    714.2,     714.2,       2.0);
    ( 493616.5, 3761952.1,     714.8,     714.8,       2.0);         ( 493615.2, 3761961.7,
    715.2,     715.2,       2.0);
    ( 493614.5, 3761973.8,     715.6,     715.6,       2.0);         ( 493614.0, 3761985.0,
    716.0,     716.0,       2.0);
    ( 493613.7, 3761996.5,     716.0,     716.0,       2.0);         ( 493614.2, 3762007.4,
    716.0,     716.0,       2.0);
    ( 493615.8, 3762018.6,     716.0,     716.0,       2.0);         ( 493614.7, 3762025.7,
    716.1,     716.1,       2.0);
    ( 493614.4, 3762035.0,     716.3,     716.3,       2.0);         ( 493613.1, 3762043.7,
    716.4,     716.4,       2.0);
    ( 493613.7, 3762052.1,     716.5,     716.5,       2.0);         ( 493613.8, 3762061.6,
    716.7,     716.7,       2.0);
    ( 493614.2, 3762071.5,     716.9,     716.9,       2.0);         ( 493696.5, 3761742.5,
    707.6,     725.0,       2.0);
    ( 493707.3, 3761768.9,     706.9,     725.0,       2.0);         ( 493728.0, 3761742.8,
    710.3,     725.0,       2.0);
    ( 493755.6, 3761733.7,     712.8,     725.0,       2.0);         ( 493750.5, 3761720.6,
    712.0,     725.0,       2.0);
    ( 493745.9, 3761709.5,     711.5,     725.0,       2.0);         ( 493741.4, 3761696.9,
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711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,
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(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
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(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
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(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
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(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
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(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.9, 3762203.2, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 14:55:04

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90				

```
252.    9.1  298.2    5.5
12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
116.    9.1  296.4    5.5
12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
79.   10.1  292.2    5.5
12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
95.    9.1  290.2    5.5
12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
99.    9.1  287.8    5.5
12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
110.    9.1  287.6    5.5
12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
89.    9.1  287.2    5.5
12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:55:04

                      PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                 VOL6        , VOL7        , VOL8        ,
                   VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                   VOL17       , VOL18       , VOL19       ,
                   VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                   VOL25       , VOL26       , VOL30       ,
                   VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                   VOL47       , VOL48       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF CO       IN
                                      MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
        493343.85   3762037.28       47.60672  (13090302)               493409.97
        3761986.39       47.93508  (13072306)
        493417.46   3761972.99       48.59253  (13072306)               493468.31
        3761958.40       47.82248  (13072306)
        493499.84   3761947.37       47.55552  (13072306)               493614.36
        3761892.81       46.25560  (13072306)
        493613.66   3761905.05       45.83047  (13072306)               493614.36
        3761917.12       45.23035  (13072306)
        493614.36   3761927.44       44.75402  (13072306)               493613.31
        3761940.20       44.20145  (13072306)
        493616.46   3761952.10       43.54275  (13072306)               493615.23
        3761961.71       43.13088  (13072306)
        493614.53   3761973.78       42.59103  (13072306)               493614.01
        3761984.98       42.07378  (13072306)
        493613.66   3761996.52       41.58269  (13072306)               493614.18
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3762007.36 41.12115 (13061401)
493615.76 3762018.56 40.86899 (13061401) 493614.71
3762025.73 40.73919 (13061401)
493614.36 3762035.00 40.53981 (13061401) 493613.13
3762043.74 40.47676 (13090302)
493613.66 3762052.14 40.36650 (13090302) 493613.83
3762061.58 40.23741 (13090302)
493614.18 3762071.55 40.08346 (13090302) 493696.46
3761742.53 44.04670 (12091721)
493707.35 3761768.92 42.74927 (13072306) 493727.98
3761742.80 44.15766 (14111305)
493755.61 3761733.69 46.05005 (12080922) 493750.48
3761720.58 45.50172 (14111305)
493745.92 3761709.48 45.19270 (12072023) 493741.37
3761696.95 45.39825 (12072023)
493738.52 3761681.00 45.87310 (12072023) 493737.38
3761663.91 46.81364 (12072023)
493736.52 3761651.38 46.97402 (12072023) 494418.08
3761416.13 51.11546 (12072023)
494473.73 3761368.11 50.44558 (12081902) 494939.85
3761394.35 36.28859 (12091721)
494686.37 3761403.42 40.54184 (13070724) 494575.98
3761568.60 39.55234 (13061924)
494541.49 3761602.79 40.76722 (12091721) 494822.53
3761435.24 36.61509 (13070724)
494846.18 3761504.63 35.33839 (13061924) 494841.06
3761535.78 35.05822 (13061924)
494837.90 3761553.12 34.88467 (13061924) 494885.61
3761199.09 40.83849 (12081902)
494976.68 3761325.65 37.58636 (12100723) 494985.35
3761366.25 36.37335 (12091721)
495070.90 3761299.23 34.64778 (12072023) 495115.47
3760632.60 40.72059 (12080804)
495069.03 3760685.30 42.39502 (12091206) 495087.55
3760728.31 43.22099 (12080801)
495079.90 3760834.52 44.75347 (13090105) 495202.38
3760883.65 42.91762 (13090105)
495237.63 3760939.31 42.72623 (12090520) 495298.45
3761048.56 40.06802 (13090106)
490844.43 3759375.83 4.21114 (14012117) 490895.79
3759357.70 4.20104 (14012117)
490596.67 3759246.67 3.84332 (14012117) 489103.59
3759859.22 3.65912 (12110403)
488940.48 3759893.26 3.66543 (12110403) 488472.34
3759865.64 3.57959 (12110405)
488432.53 3759884.27 3.58235 (12110405) 488713.15
3759827.76 3.57315 (12110405)
487562.29 3760285.62 3.62309 (14021406) 487809.35
3760420.86 3.90282 (14021406)
487553.10 3761208.24 4.72334 (12012824) 487899.76
3760972.40 4.85826 (12111220)
487983.18 3762301.23 6.59904 (14022723) 487913.66
3762403.25 6.38080 (14022723)
487890.59 3762238.09 6.26656 (14022723) 488190.14
3762513.88 6.79134 (14022723)
488424.39 3762586.51 7.51514 (14011323) 488657.54
3762495.87 8.63356 (12010119)
488908.17 3762583.23 9.76200 (12010119) 489170.26
3762660.77 11.10719 (14011322)
489382.17 3762809.64 11.29712 (14120316) 489294.91
3762783.65 11.08731 (14120316)
489889.72 3762661.22 20.18039 (14012117) 490022.93
3762783.29 15.90606 (14012117)
490423.96 3762839.25 16.51962 (14012117) 490375.94
3762870.37 15.58976 (14012117)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	18.12109	(14012117)	491132.33	3762903.51	15.92727	(14012117)
492890.92	3762203.25	49.33524	(13061923)	492961.55	3762258.51	44.69673	(13061923)
493033.99	3762272.60	47.94113	(12081804)	493032.31	3762205.18	48.32214	(12081004)
493087.32	3762215.25	46.63178	(12090723)	493079.94	3762296.41	46.27389	(12080206)
493163.79	3762367.18	36.05682	(13061923)	493068.87	3762510.05	37.73331	(12080206)
493101.07	3762454.71	39.73441	(12080206)	493281.84	3762369.19	39.33572	(12100622)
493351.51	3762095.42	45.57484	(13090302)	493439.48	3762105.84	43.24151	(13090302)
493972.90	3763044.23	23.30530	(13081505)	493957.03	3763184.09	22.19024	(13083102)
493583.55	3763480.45	18.54760	(12100624)	493258.47	3763568.15	17.00913	(13083103)
492895.78	3763485.72	13.29921	(13070822)	493781.01	3761659.05	50.60612	(12072023)
493797.63	3761658.35	50.10935	(12091721)	493831.94	3761631.47	49.20815	(12081902)
493900.20	3761664.01	47.34847	(12091721)	493918.59	3761666.13	47.09649	(12091721)
493929.55	3761662.24	46.98225	(12091721)	493945.82	3761667.90	46.52019	(12091721)
493758.37	3761524.30	51.62655	(12082722)	493961.03	3761672.85	46.07784	(12091721)
493975.18	3761679.57	45.99255	(12091721)	493987.55	3761687.70	45.64453	(12091721)
493998.87	3761697.25	45.35082	(12091721)	494007.71	3761707.51	44.82961	(12091721)
494016.91	3761718.12	44.33224	(13072306)	494024.69	3761730.85	44.51468	(13072306)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
493343.85	3762037.28	29.66128	(12120324)	493409.97	3761986.39	30.00438	(12120324)
493417.46	3761972.99	30.54822	(12120324)	493468.31	3761958.40	29.50459	(12120324)
493499.84	3761947.37	29.41522	(12100724)	493614.36	3761892.81	29.93836	(12100724)
493613.66	3761905.05	29.36770	(12100724)	493614.36	3761917.12	28.95121	(12100724)
493614.36	3761927.44	28.61512	(12100724)	493613.31	3761940.20	28.16600	(12100724)
493616.46	3761952.10	27.54590	(12100724)	493615.23	3761961.71	27.11963	(12100724)
493614.53	3761973.78	26.59291	(12100724)	493614.01	3761984.98	26.13009	(12100724)
493613.66	3761996.52	25.71853	(12100724)	493614.18	3762007.36	25.34625	(12100724)
493615.76	3762018.56	24.96043	(12100724)	493614.71	3762025.73	24.72748	(12100724)
493614.36	3762035.00	24.42246	(12100724)	493613.13	3762043.74	24.15325	(12100724)
493613.66	3762052.14	23.87239	(12100724)	493613.83	3762061.58	23.72924	(13062508)
493614.18	3762071.55	23.58408	(13062508)	493696.46	3761742.53	30.67759	(12120324)
493707.35	3761768.92	29.49451	(12120324)	493727.98	3761742.80	31.45787	(12120324)
493755.61	3761733.69	32.29506	(12120324)	493750.48	3761720.58	32.28167	(12120324)
493745.92	3761709.48	32.39702	(12120324)	493741.37	3761696.95	32.87005	(12120324)
493738.52	3761681.00	33.46124	(12120324)	493737.38	3761663.91	34.14504	(12120324)
493736.52	3761651.38	34.45386	(12120324)	494418.08	3761416.13	36.20282	(12120324)
494473.73	3761368.11	35.43323	(12120324)	494939.85	3761394.35	22.75581	(12100724)
494686.37	3761403.42	25.20861c	(13072308)	494575.98	3761568.60	24.03929c	(13072308)
494541.49	3761602.79	24.70408	(12100724)	494822.53	3761435.24	22.40589c	(13072308)
494846.18	3761504.63	21.36383	(12100724)	494841.06	3761535.78	21.10484	(12100724)
494837.90	3761553.12	20.94771	(12100724)	494885.61			

3761199.09 25.37096 (12120324)
494976.68 3761325.65 23.28455c (13072308) 494985.35
3761366.25 22.40058c (13072308)
495070.90 3761299.23 20.98028c (13072308) 495115.47
3760632.60 23.87814 (13102324)
495069.03 3760685.30 24.80476 (13102324) 495087.55
3760728.31 24.92454 (13102324)
495079.90 3760834.52 24.94646 (12091208) 495202.38
3760883.65 24.13960 (12091208)
495237.63 3760939.31 23.51755 (12091208) 495298.45
3761048.56 22.19076c (13072308)
490844.43 3759375.83 3.66368 (14120608) 490895.79
3759357.70 3.65604 (14120608)
490596.67 3759246.67 3.33213 (14120608) 489103.59
3759859.22 3.11093 (13120208)
488940.48 3759893.26 3.07789 (13120208) 488472.34
3759865.64 2.88955 (13120208)
488432.53 3759884.27 2.88540 (13120208) 488713.15
3759827.76 2.94784 (13120208)
487562.29 3760285.62 2.86681 (14021308) 487809.35
3760420.86 3.11469 (14021308)
487553.10 3761208.24 2.81739 (12122008) 487899.76
3760972.40 3.23901 (13122608)
487983.18 3762301.23 3.32482 (12122008) 487913.66
3762403.25 2.92167 (12122008)
487890.59 3762238.09 3.35522 (12122008) 488190.14
3762513.88 3.04974 (14120608)
488424.39 3762586.51 3.48315 (14120608) 488657.54
3762495.87 4.29143 (14120608)
488908.17 3762583.23 5.18565 (14120608) 489170.26
3762660.77 6.64242 (14120608)
489382.17 3762809.64 7.50198 (14120608) 489294.91
3762783.65 6.99534 (14120608)
489889.72 3762661.22 17.57726 (14120608) 490022.93
3762783.29 13.97263 (14120608)
490423.96 3762839.25 14.48704 (14120608) 490375.94
3762870.37 13.66030 (14120608)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	15.74095	(14120608)	491132.33			

```
       3762903.51       13.86324  (14120608)
       492890.92   3762203.25       34.26337  (12120324)                492961.55
       3762258.51       30.54941  (14013008)
       493033.99   3762272.60       29.15635  (13062508)                493032.31
       3762205.18       30.89633  (13062508)
       493087.32   3762215.25       29.20568  (13062508)                493079.94
       3762296.41       28.11614  (14013008)
       493163.79   3762367.18       23.21904  (14013008)                493068.87
       3762510.05       23.87455  (14013008)
       493101.07   3762454.71       24.94433  (14013008)                493281.84
       3762369.19       23.89388  (14013008)
       493351.51   3762095.42       27.44171  (13062508)                493439.48
       3762105.84       25.68096  (13062508)
       493972.90   3763044.23        9.73778  (14013008)                493957.03
       3763184.09        8.79048  (12021924)
       493583.55   3763480.45        7.65580c (12083008)                493258.47
       3763568.15        7.46659  (16010524)
       492895.78   3763485.72        6.94215  (13112008)                493781.01
       3761659.05       34.86684  (12120324)
       493797.63   3761658.35       34.10983  (12120324)                493831.94
       3761631.47       33.22804  (12120324)
       493900.20   3761664.01       30.62564  (12120324)                493918.59
       3761666.13       30.41534  (12120324)
       493929.55   3761662.24       30.64681  (12120324)                493945.82
       3761667.90       29.69894  (12120324)
       493758.37   3761524.30       35.57562  (12120324)                493961.03
       3761672.85       29.12128  (12120324)
       493975.18   3761679.57       29.02368  (12120324)                493987.55
       3761687.70       28.56471  (12120324)
       493998.87   3761697.25       28.49668  (12100724)                494007.71
       3761707.51       28.06769  (12100724)
       494016.91   3761718.12       27.39170c (13072308)                494024.69
       3761730.85       27.70149  (12100724)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:55:04

                     PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                  ** CONC OF CO       IN
                                  MICROGRAMS/M**3                        **


                                                      DATE
                                                                                NETWORK
GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      51.62655  ON 12082722: AT (  493758.37,  3761524.30,
724.76,   724.76,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
```

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID
ALL	1ST HIGH	1ST HIGH VALUE IS 36.20282	ON 12120324: AT (494418.08, 3761416.13, 723.26, 723.26, 2.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 627 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 627 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Ops NOX\15218
Ph5 Ops NOX.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2189641 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Ops NOX.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
LOCATION VOL51	VOLUME	493605.815	3760986.953	697.590
LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
LOCATION VOL62	VOLUME	494174.278	3760981.156	692.870
LOCATION VOL63	VOLUME	494301.652	3760992.949	697.050
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492460.221	3761324.738	683.350
LOCATION VOL109	VOLUME	492457.862	3761183.212	697.370
LOCATION VOL110	VOLUME	492440.336	3761057.824	691.830
LOCATION VOL111	VOLUME	492457.862	3761466.264	683.770
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090

LOCATION VOL116 VOLUME 494005.497 3761391.736 716.150
LOCATION VOL117 VOLUME 494278.568 3761268.413 705.410
LOCATION VOL118 VOLUME 494351.241 3761308.052 709.780
LOCATION VOL119 VOLUME 491794.496 3762014.956 683.700
LOCATION VOL120 VOLUME 491794.496 3762136.076 681.790
LOCATION VOL121 VOLUME 491651.353 3762014.956 680.920
LOCATION VOL122 VOLUME 491655.758 3762138.279 683.820
LOCATION VOL123 VOLUME 491459.763 3761713.256 683.590
LOCATION VOL124 VOLUME 491398.101 3761664.807 677.350
LOCATION VOL125 VOLUME 491380.484 3761770.513 674.750
LOCATION VOL126 VOLUME 491523.626 3761851.994 657.220
LOCATION VOL127 VOLUME 491448.752 3761907.048 668.820
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LOCATION VOL181 VOLUME 490154.599 3762435.745 660.500

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LOCATION VOL184	VOLUME	490214.116	3762304.086	672.620
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SRCPARAM VOL229       0.0027719534     5.000    31.816     1.400
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SRCPARAM VOL281       0.0027719534     5.000    31.816     1.400
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SRCPARAM VOL294       0.0027719534     5.000    31.816     1.400
SRCPARAM VOL295       0.0027719534     5.000    31.816     1.400
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   SRCPARAM VOL296       0.0027719534     5.000    31.816     1.400
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   SRCPARAM VOL301       0.0027719534     5.000    31.816     1.400
   SRCPARAM VOL302       0.0027719534     5.000    31.816     1.400
   SRCPARAM VOL303       0.0027719534     5.000    31.816     1.400
   SRCPARAM VOL304       0.0027719534     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Ops NOX.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "15218 PH5 OPS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "15218 Ph5 Ops NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     627       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     627       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:17:23

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   282 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NOX

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:    282 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    282 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours
```

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph5 Ops NOX.err
**File for Summary of Results: 15218 Ph5 Ops NOX.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL4	0	0.27720E-02	492797.1	3762283.9	695.0	5.00	31.82	1.40	YES	NO
VOL5	0	0.27720E-02	493197.6	3761815.0	710.4	5.00	31.82	1.40	YES	NO
VOL6	0	0.27720E-02	492524.0	3762265.1	688.3	5.00	31.82	1.40	YES	NO
VOL7	0	0.27720E-02	492388.1	3762262.6	696.8	5.00	31.82	1.40	YES	NO
VOL8	0	0.27720E-02	492254.8	3762271.8	683.2	5.00	31.82	1.40	YES	NO
VOL9	0	0.27720E-02	493145.9	3761467.1	686.4	5.00	31.82	1.40	YES	NO
VOL10	0	0.27720E-02	493285.0	3761471.8	687.9	5.00	31.82	1.40	YES	NO
VOL11	0	0.27720E-02	493368.3	3761535.2	695.0	5.00	31.82	1.40	YES	NO
VOL12	0	0.27720E-02	493510.0	3761002.1	674.8	5.00	31.82	1.40	YES	NO
VOL16	0	0.27720E-02	492659.4	3762267.1	695.9	5.00	31.82	1.40	YES	NO
VOL17	0	0.27720E-02	493185.4	3761712.2	707.4	5.00	31.82	1.40	YES	NO
VOL18	0	0.27720E-02	491986.2	3762340.0	678.9	5.00	31.82	1.40	YES	NO
VOL19	0	0.27720E-02	491843.1	3762383.8	670.7	5.00	31.82	1.40	YES	NO
VOL20	0	0.27720E-02	492118.5	3762307.8	682.7	5.00	31.82	1.40	YES	NO

VOL21	0	0.27720E-02	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.27720E-02	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.27720E-02	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.27720E-02	493874.8	3761274.2	695.9	5.00	31.82	1.40
YES		NO						
VOL25	0	0.27720E-02	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						
VOL26	0	0.27720E-02	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES		NO						
VOL30	0	0.27720E-02	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES		NO						
VOL31	0	0.27720E-02	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES		NO						
VOL35	0	0.27720E-02	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES		NO						
VOL36	0	0.27720E-02	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES		NO						
VOL37	0	0.27720E-02	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES		NO						
VOL46	0	0.27720E-02	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES		NO						
VOL47	0	0.27720E-02	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES		NO						
VOL48	0	0.27720E-02	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES		NO						
VOL49	0	0.27720E-02	493730.8	3761261.8	682.1	5.00	31.82	1.40
YES		NO						
VOL50	0	0.27720E-02	493622.3	3761120.3	685.5	5.00	31.82	1.40
YES		NO						
VOL51	0	0.27720E-02	493605.8	3760987.0	697.6	5.00	31.82	1.40
YES		NO						
VOL52	0	0.27720E-02	493754.4	3761122.7	701.4	5.00	31.82	1.40
YES		NO						
VOL53	0	0.27720E-02	493888.9	3761136.8	695.4	5.00	31.82	1.40
YES		NO						
VOL54	0	0.27720E-02	494028.0	3761118.0	705.9	5.00	31.82	1.40
YES		NO						
VOL55	0	0.27720E-02	494162.5	3761118.0	703.1	5.00	31.82	1.40
YES		NO						
VOL56	0	0.27720E-02	494212.0	3761120.3	695.8	5.00	31.82	1.40
YES		NO						
VOL57	0	0.27720E-02	493747.3	3760981.2	688.8	5.00	31.82	1.40
YES		NO						
VOL58	0	0.27720E-02	493888.9	3760995.3	684.8	5.00	31.82	1.40
YES		NO						
VOL59	0	0.27720E-02	493884.1	3760901.0	683.2	5.00	31.82	1.40
YES		NO						
VOL60	0	0.27720E-02	494032.8	3760981.2	693.3	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ

SOURCE ID	SCALAR VARY CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
VOL61	0	0.27720E-02	494025.7	3760901.0	694.7	5.00	31.82	1.40	
YES									NO
VOL62	0	0.27720E-02	494174.3	3760981.2	692.9	5.00	31.82	1.40	
YES									NO
VOL63	0	0.27720E-02	494301.7	3760992.9	697.0	5.00	31.82	1.40	
YES									NO
VOL64	0	0.27720E-02	494287.9	3761410.9	719.0	5.00	31.82	1.40	
YES									NO
VOL65	0	0.27720E-02	492653.1	3762138.7	689.1	5.00	31.82	1.40	
YES									NO
VOL66	0	0.27720E-02	491979.9	3762211.7	686.9	5.00	31.82	1.40	
YES									NO
VOL67	0	0.27720E-02	491836.8	3762255.5	683.4	5.00	31.82	1.40	
YES									NO
VOL68	0	0.27720E-02	492112.2	3762179.4	689.5	5.00	31.82	1.40	
YES									NO
VOL69	0	0.27720E-02	491694.4	3762248.6	690.2	5.00	31.82	1.40	
YES									NO
VOL70	0	0.27720E-02	492517.7	3762136.8	695.7	5.00	31.82	1.40	
YES									NO
VOL71	0	0.27720E-02	492381.8	3762134.3	693.9	5.00	31.82	1.40	
YES									NO
VOL72	0	0.27720E-02	492248.5	3762143.5	690.0	5.00	31.82	1.40	
YES									NO
VOL74	0	0.27720E-02	491979.9	3762077.8	692.8	5.00	31.82	1.40	
YES									NO
VOL75	0	0.27720E-02	491917.1	3762126.5	686.3	5.00	31.82	1.40	
YES									NO
VOL76	0	0.27720E-02	492112.2	3762045.6	687.6	5.00	31.82	1.40	
YES									NO
VOL77	0	0.27720E-02	492234.6	3761900.7	682.3	5.00	31.82	1.40	
YES									NO
VOL78	0	0.27720E-02	492517.7	3762002.9	686.1	5.00	31.82	1.40	
YES									NO
VOL79	0	0.27720E-02	492381.8	3762000.4	683.7	5.00	31.82	1.40	
YES									NO
VOL80	0	0.27720E-02	492248.5	3762009.6	684.6	5.00	31.82	1.40	
YES									NO
VOL81	0	0.27720E-02	492101.1	3761906.6	686.0	5.00	31.82	1.40	
YES									NO
VOL82	0	0.27720E-02	491981.9	3761950.4	678.8	5.00	31.82	1.40	
YES									NO
VOL83	0	0.27720E-02	491977.0	3761816.6	673.3	5.00	31.82	1.40	
YES									NO
VOL84	0	0.27720E-02	491928.4	3761984.5	688.2	5.00	31.82	1.40	
YES									NO
VOL85	0	0.27720E-02	491930.8	3761843.4	679.8	5.00	31.82	1.40	
YES									NO
VOL86	0	0.27720E-02	491794.5	3761889.6	686.2	5.00	31.82	1.40	
YES									NO
VOL87	0	0.27720E-02	491658.3	3761877.4	655.9	5.00	31.82	1.40	
YES									NO
VOL88	0	0.27720E-02	491835.9	3761787.4	683.2	5.00	31.82	1.40	
YES									NO
VOL89	0	0.27720E-02	491702.1	3761770.4	661.0	5.00	31.82	1.40	
YES									NO
VOL90	0	0.27720E-02	491592.6	3761743.6	657.9	5.00	31.82	1.40	
YES									NO
VOL91	0	0.27720E-02	491801.8	3762386.9	675.2	5.00	31.82	1.40	
YES									NO

VOL92	0	0.27720E-02	493009.6	3761326.3	677.2	5.00	31.82	1.40	
YES		NO							
VOL93	0	0.27720E-02	493007.3	3761184.8	680.7	5.00	31.82	1.40	
YES		NO							
VOL94	0	0.27720E-02	492989.8	3761059.4	667.2	5.00	31.82	1.40	
YES		NO							
VOL95	0	0.27720E-02	493007.3	3761467.9	685.7	5.00	31.82	1.40	
YES		NO							
VOL96	0	0.27720E-02	492870.9	3761328.5	683.9	5.00	31.82	1.40	
YES		NO							
VOL97	0	0.27720E-02	492868.6	3761187.0	685.6	5.00	31.82	1.40	
YES		NO							
VOL98	0	0.27720E-02	492851.0	3761061.6	685.9	5.00	31.82	1.40	
YES		NO							
VOL99	0	0.27720E-02	492868.6	3761470.1	684.7	5.00	31.82	1.40	
YES		NO							
VOL100	0	0.27720E-02	492734.4	3761330.7	695.1	5.00	31.82	1.40	
YES		NO							
VOL101	0	0.27720E-02	492732.0	3761189.2	696.1	5.00	31.82	1.40	
YES		NO							

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL102	0	0.27720E-02	492714.5	3761063.8	701.2	5.00	31.82	1.40	
YES		NO							
VOL103	0	0.27720E-02	492732.0	3761472.3	683.0	5.00	31.82	1.40	
YES		NO							
VOL104	0	0.27720E-02	492600.0	3761332.9	685.1	5.00	31.82	1.40	
YES		NO							
VOL105	0	0.27720E-02	492597.7	3761191.4	696.6	5.00	31.82	1.40	
YES		NO							
VOL106	0	0.27720E-02	492580.2	3761066.0	698.9	5.00	31.82	1.40	
YES		NO							
VOL107	0	0.27720E-02	492597.7	3761474.5	684.3	5.00	31.82	1.40	
YES		NO							
VOL108	0	0.27720E-02	492460.2	3761324.7	683.3	5.00	31.82	1.40	
YES		NO							
VOL109	0	0.27720E-02	492457.9	3761183.2	697.4	5.00	31.82	1.40	
YES		NO							
VOL110	0	0.27720E-02	492440.3	3761057.8	691.8	5.00	31.82	1.40	
YES		NO							
VOL111	0	0.27720E-02	492457.9	3761466.3	683.8	5.00	31.82	1.40	
YES		NO							
VOL112	0	0.27720E-02	492547.6	3761006.4	698.0	5.00	31.82	1.40	
YES		NO							
VOL113	0	0.27720E-02	492686.4	3761006.4	700.8	5.00	31.82	1.40	
YES		NO							
VOL114	0	0.27720E-02	492827.3	3761010.8	686.2	5.00	31.82	1.40	
YES		NO							

VOL115	0	0.27720E-02	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES		NO						
VOL116	0	0.27720E-02	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES		NO						
VOL117	0	0.27720E-02	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES		NO						
VOL118	0	0.27720E-02	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						
VOL119	0	0.27720E-02	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.27720E-02	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.27720E-02	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.27720E-02	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.27720E-02	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.27720E-02	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.27720E-02	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.27720E-02	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.27720E-02	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.27720E-02	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.27720E-02	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.27720E-02	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.27720E-02	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.27720E-02	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.27720E-02	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.27720E-02	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.27720E-02	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.27720E-02	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.27720E-02	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.27720E-02	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.27720E-02	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.27720E-02	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.27720E-02	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT. INIT.

SOURCE ID	URBAN SOURCE VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SCALAR CATS.
VOL142	0	0.27720E-02		492058.8	3762453.2	684.2	5.00	31.82	1.40	
YES	NO									
VOL143	0	0.27720E-02		492135.8	3762514.9	686.2	5.00	31.82	1.40	
YES	NO									
VOL144	0	0.27720E-02		491926.6	3762475.2	684.2	5.00	31.82	1.40	
YES	NO									
VOL145	0	0.27720E-02		491781.3	3762517.1	682.3	5.00	31.82	1.40	
YES	NO									
VOL146	0	0.27720E-02		491926.6	3762517.1	687.8	5.00	31.82	1.40	
YES	NO									
VOL147	0	0.27720E-02		492038.9	3762517.1	687.9	5.00	31.82	1.40	
YES	NO									
VOL148	0	0.27720E-02		494205.9	3761460.0	714.0	5.00	31.82	1.40	
YES	NO									
VOL149	0	0.27720E-02		491610.6	3762444.9	676.3	5.00	31.82	1.40	
YES	NO									
VOL150	0	0.27720E-02		492325.0	3761335.6	691.0	5.00	31.82	1.40	
YES	NO									
VOL151	0	0.27720E-02		492322.6	3761477.1	685.4	5.00	31.82	1.40	
YES	NO									
VOL152	0	0.27720E-02		492305.1	3761068.7	680.8	5.00	31.82	1.40	
YES	NO									
VOL153	0	0.27720E-02		492322.6	3761194.1	682.6	5.00	31.82	1.40	
YES	NO									
VOL154	0	0.27720E-02		492191.5	3761335.6	683.7	5.00	31.82	1.40	
YES	NO									
VOL155	0	0.27720E-02		492189.2	3761477.1	693.8	5.00	31.82	1.40	
YES	NO									
VOL156	0	0.27720E-02		492238.4	3761059.6	676.0	5.00	31.82	1.40	
YES	NO									
VOL157	0	0.27720E-02		492189.2	3761194.1	677.8	5.00	31.82	1.40	
YES	NO									
VOL158	0	0.27720E-02		492419.9	3760998.3	689.8	5.00	31.82	1.40	
YES	NO									
VOL159	0	0.27720E-02		492111.4	3761281.5	683.5	5.00	31.82	1.40	
YES	NO									
VOL160	0	0.27720E-02		492055.5	3761413.1	669.3	5.00	31.82	1.40	
YES	NO									
VOL161	0	0.27720E-02		492057.3	3761515.9	682.8	5.00	31.82	1.40	
YES	NO									
VOL162	0	0.27720E-02		492008.6	3761494.3	684.2	5.00	31.82	1.40	
YES	NO									
VOL163	0	0.27720E-02		492014.1	3761416.7	668.3	5.00	31.82	1.40	
YES	NO									
VOL164	0	0.27720E-02		492190.8	3761535.8	686.1	5.00	31.82	1.40	
YES	NO									
VOL165	0	0.27720E-02		492326.1	3761519.5	681.3	5.00	31.82	1.40	
YES	NO									
VOL166	0	0.27720E-02		493401.0	3761806.3	709.4	5.00	31.82	1.40	
YES	NO									
VOL167	0	0.27720E-02		493514.6	3761800.9	707.0	5.00	31.82	1.40	
YES	NO									
VOL168	0	0.27720E-02		491218.7	3762466.4	662.9	5.00	31.82	1.40	
YES	NO									
VOL169	0	0.27720E-02		491225.9	3762334.7	670.5	5.00	31.82	1.40	
YES	NO									
VOL170	0	0.27720E-02		491247.5	3762210.3	671.3	5.00	31.82	1.40	
YES	NO									

VOL171 0 0.27720E-02 491083.4 3762369.0 660.6 5.00 31.82 1.40
YES NO
VOL172 0 0.27720E-02 491112.3 3762230.1 666.9 5.00 31.82 1.40
YES NO
VOL173 0 0.27720E-02 490867.0 3762534.9 630.8 5.00 31.82 1.40
YES NO
VOL174 0 0.27720E-02 490726.3 3762533.1 641.0 5.00 31.82 1.40
YES NO
VOL175 0 0.27720E-02 490347.6 3762574.6 669.2 5.00 31.82 1.40
YES NO
VOL176 0 0.27720E-02 490208.7 3762567.4 659.0 5.00 31.82 1.40
YES NO
VOL177 0 0.27720E-02 490073.4 3762509.7 648.6 5.00 31.82 1.40
YES NO
VOL178 0 0.27720E-02 489936.4 3762468.2 645.5 5.00 31.82 1.40
YES NO
VOL179 0 0.27720E-02 490425.1 3762441.2 661.4 5.00 31.82 1.40
YES NO
VOL180 0 0.27720E-02 490289.9 3762439.4 676.6 5.00 31.82 1.40
YES NO
VOL181 0 0.27720E-02 490154.6 3762435.7 660.5 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL182	0	0.27720E-02	490024.7	3762374.4	646.6	5.00	31.82	1.40	YES
VOL183	0	0.27720E-02	490349.4	3762309.5	666.3	5.00	31.82	1.40	YES
VOL184	0	0.27720E-02	490214.1	3762304.1	672.6	5.00	31.82	1.40	YES
VOL185	0	0.27720E-02	490082.5	3762298.7	667.9	5.00	31.82	1.40	YES
VOL186	0	0.27720E-02	489977.9	3762239.2	678.2	5.00	31.82	1.40	YES
VOL187	0	0.27720E-02	489923.7	3762147.2	674.0	5.00	31.82	1.40	YES
VOL188	0	0.27720E-02	490055.4	3762116.5	674.4	5.00	31.82	1.40	YES
VOL189	0	0.27720E-02	490116.7	3762165.2	679.8	5.00	31.82	1.40	YES
VOL190	0	0.27720E-02	490226.7	3762168.8	662.6	5.00	31.82	1.40	YES
VOL191	0	0.27720E-02	490149.2	3762037.2	660.1	5.00	31.82	1.40	YES
VOL192	0	0.27720E-02	494140.4	3761657.6	711.0	5.00	31.82	1.40	YES
VOL193	0	0.27720E-02	494263.5	3761644.8	714.4	5.00	31.82	1.40	YES

VOL194	0	0.27720E-02	494344.1	3761139.8	717.6	5.00	31.82	1.40
YES		NO						
VOL195	0	0.27720E-02	494437.5	3761008.3	705.9	5.00	31.82	1.40
YES		NO						
VOL196	0	0.27720E-02	494571.2	3761052.8	712.5	5.00	31.82	1.40
YES		NO						
VOL197	0	0.27720E-02	494431.1	3761139.8	722.3	5.00	31.82	1.40
YES		NO						
VOL198	0	0.27720E-02	494429.0	3761224.7	720.2	5.00	31.82	1.40
YES		NO						
VOL199	0	0.27720E-02	494569.1	3761184.4	716.6	5.00	31.82	1.40
YES		NO						
VOL200	0	0.27720E-02	491355.9	3762468.8	684.9	5.00	31.82	1.40
YES		NO						
VOL201	0	0.27720E-02	491355.9	3762339.3	685.0	5.00	31.82	1.40
YES		NO						
VOL202	0	0.27720E-02	491477.0	3762439.5	673.5	5.00	31.82	1.40
YES		NO						
VOL203	0	0.27720E-02	492654.6	3762000.7	693.4	5.00	31.82	1.40
YES		NO						
VOL204	0	0.27720E-02	492789.0	3762024.0	698.2	5.00	31.82	1.40
YES		NO						
VOL205	0	0.27720E-02	492859.9	3762014.8	699.4	5.00	31.82	1.40
YES		NO						
VOL206	0	0.27720E-02	492855.7	3761893.6	694.7	5.00	31.82	1.40
YES		NO						
VOL207	0	0.27720E-02	492848.7	3761753.0	689.6	5.00	31.82	1.40
YES		NO						
VOL208	0	0.27720E-02	492716.4	3761750.2	694.9	5.00	31.82	1.40
YES		NO						
VOL209	0	0.27720E-02	492768.0	3761883.9	694.8	5.00	31.82	1.40
YES		NO						
VOL210	0	0.27720E-02	493508.5	3761601.1	708.9	5.00	31.82	1.40
YES		NO						
VOL211	0	0.27720E-02	493505.2	3761466.7	686.8	5.00	31.82	1.40
YES		NO						
VOL212	0	0.27720E-02	493510.2	3761332.4	683.2	5.00	31.82	1.40
YES		NO						
VOL213	0	0.27720E-02	493492.1	3761227.5	682.8	5.00	31.82	1.40
YES		NO						
VOL214	0	0.27720E-02	493597.0	3761463.4	690.2	5.00	31.82	1.40
YES		NO						
VOL215	0	0.27720E-02	493616.7	3761335.6	681.8	5.00	31.82	1.40
YES		NO						
VOL216	0	0.27720E-02	490886.0	3761758.3	670.2	5.00	31.82	1.40
YES		NO						
VOL217	0	0.27720E-02	490872.5	3761650.4	671.5	5.00	31.82	1.40
YES		NO						
VOL218	0	0.27720E-02	490756.9	3761795.0	659.5	5.00	31.82	1.40
YES		NO						
VOL219	0	0.27720E-02	490743.4	3761679.3	673.1	5.00	31.82	1.40
YES		NO						
VOL220	0	0.27720E-02	490701.0	3761902.9	656.2	5.00	31.82	1.40
YES		NO						
VOL221	0	0.27720E-02	490564.1	3761870.1	665.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
VOL222	0	0.27720E-02	490431.1	3761864.4	673.6	5.00	31.82	1.40	NO
VOL223	0	0.27720E-02	490332.8	3761829.7	675.2	5.00	31.82	1.40	NO
VOL224	0	0.27720E-02	490307.8	3761733.3	676.1	5.00	31.82	1.40	NO
VOL225	0	0.27720E-02	490448.5	3761725.6	677.0	5.00	31.82	1.40	NO
VOL226	0	0.27720E-02	490577.6	3761733.3	674.4	5.00	31.82	1.40	NO
VOL227	0	0.27720E-02	490668.2	3761773.8	666.8	5.00	31.82	1.40	NO
VOL228	0	0.27720E-02	490074.5	3761694.7	668.0	5.00	31.82	1.40	NO
VOL229	0	0.27720E-02	490084.2	3761548.2	673.3	5.00	31.82	1.40	NO
VOL230	0	0.27720E-02	489947.3	3761532.8	673.8	5.00	31.82	1.40	NO
VOL231	0	0.27720E-02	489812.4	3761476.9	667.9	5.00	31.82	1.40	NO
VOL232	0	0.27720E-02	489739.1	3761488.5	668.5	5.00	31.82	1.40	NO
VOL233	0	0.27720E-02	490205.6	3761627.3	670.8	5.00	31.82	1.40	NO
VOL235	0	0.27720E-02	490014.8	3761714.0	660.8	5.00	31.82	1.40	NO
VOL236	0	0.27720E-02	489798.9	3762429.1	665.9	5.00	31.82	1.40	NO
VOL237	0	0.27720E-02	489681.3	3762438.8	667.2	5.00	31.82	1.40	NO
VOL238	0	0.27720E-02	489671.7	3762305.8	664.8	5.00	31.82	1.40	NO
VOL239	0	0.27720E-02	489808.5	3762305.8	670.4	5.00	31.82	1.40	NO
VOL240	0	0.27720E-02	489904.9	3762334.7	671.7	5.00	31.82	1.40	NO
VOL241	0	0.27720E-02	489845.1	3762168.9	672.3	5.00	31.82	1.40	NO
VOL242	0	0.27720E-02	489708.3	3762170.8	682.2	5.00	31.82	1.40	NO
VOL243	0	0.27720E-02	489669.7	3762165.0	678.8	5.00	31.82	1.40	NO
VOL244	0	0.27720E-02	489662.0	3762032.1	681.2	5.00	31.82	1.40	NO
VOL245	0	0.27720E-02	489802.7	3762032.1	676.7	5.00	31.82	1.40	NO
VOL246	0	0.27720E-02	489941.5	3762008.9	669.3	5.00	31.82	1.40	NO
VOL247	0	0.27720E-02	490036.0	3761981.9	670.4	5.00	31.82	1.40	NO
VOL248	0	0.27720E-02	490009.0	3761843.2	663.4	5.00	31.82	1.40	NO
VOL249	0	0.27720E-02	489899.1	3761875.9	660.1	5.00	31.82	1.40	NO
VOL250	0	0.27720E-02	489808.5	3761895.2	671.5	5.00	31.82	1.40	NO

VOL251 0 0.27720E-02 489669.7 3761889.4 668.6 5.00 31.82 1.40
YES NO
VOL252 0 0.27720E-02 489866.3 3761787.3 661.2 5.00 31.82 1.40
YES NO
VOL253 0 0.27720E-02 489725.6 3761785.3 669.0 5.00 31.82 1.40
YES NO
VOL254 0 0.27720E-02 490479.5 3762532.8 635.8 5.00 31.82 1.40
YES NO
VOL255 0 0.27720E-02 490599.4 3762518.8 626.8 5.00 31.82 1.40
YES NO
VOL256 0 0.27720E-02 490971.6 3762447.1 635.5 5.00 31.82 1.40
YES NO
VOL257 0 0.27720E-02 491089.9 3762468.9 663.0 5.00 31.82 1.40
YES NO
VOL258 0 0.27720E-02 491006.0 3761570.2 677.5 5.00 31.82 1.40
YES NO
VOL259 0 0.27720E-02 491143.1 3761571.7 657.8 5.00 31.82 1.40
YES NO
VOL260 0 0.27720E-02 491278.5 3761567.1 669.7 5.00 31.82 1.40
YES NO
VOL261 0 0.27720E-02 493581.7 3761666.7 707.1 5.00 31.82 1.40
YES NO
VOL262 0 0.27720E-02 493594.1 3761563.9 684.0 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL263	0	0.27720E-02	494462.9	3760869.0	700.3	5.00	31.82	1.40
YES		NO						
VOL264	0	0.27720E-02	493760.1	3760912.3	681.9	5.00	31.82	1.40
YES		NO						
VOL265	0	0.27720E-02	492959.0	3761011.0	668.8	5.00	31.82	1.40
YES		NO						
VOL266	0	0.27720E-02	491541.7	3762540.3	681.6	5.00	31.82	1.40
YES		NO						
VOL267	0	0.27720E-02	492117.1	3761843.8	682.3	5.00	31.82	1.40
YES		NO						
VOL268	0	0.27720E-02	490185.8	3761768.3	673.4	5.00	31.82	1.40
YES		NO						
VOL269	0	0.27720E-02	490134.1	3761832.9	671.1	5.00	31.82	1.40
YES		NO						
VOL270	0	0.27720E-02	490166.4	3761910.5	671.3	5.00	31.82	1.40
YES		NO						
VOL271	0	0.27720E-02	490284.9	3761968.7	669.5	5.00	31.82	1.40
YES		NO						
VOL272	0	0.27720E-02	490289.2	3762059.2	665.2	5.00	31.82	1.40
YES		NO						
VOL273	0	0.27720E-02	490427.1	3761994.6	673.7	5.00	31.82	1.40
YES		NO						

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 VOL274          0   0.27720E-02  490259.0 3761876.0   673.4     5.00    31.82     1.40
 YES                   NO
 VOL275          0   0.27720E-02  490427.1 3762085.1   669.5     5.00    31.82     1.40
 YES                   NO
 VOL276          0   0.27720E-02  490567.2 3761998.9   666.8     5.00    31.82     1.40
 YES                   NO
 VOL277          0   0.27720E-02  490565.1 3762130.3   669.5     5.00    31.82     1.40
 YES                   NO
 VOL278          0   0.27720E-02  490627.5 3762261.8   653.7     5.00    31.82     1.40
 YES                   NO
 VOL279          0   0.27720E-02  490713.7 3762378.2   652.7     5.00    31.82     1.40
 YES                   NO
 VOL280          0   0.27720E-02  490707.3 3762039.8   663.0     5.00    31.82     1.40
 YES                   NO
 VOL281          0   0.27720E-02  490707.3 3762173.4   671.8     5.00    31.82     1.40
 YES                   NO
 VOL282          0   0.27720E-02  490752.5 3762263.9   667.0     5.00    31.82     1.40
 YES                   NO
 VOL283          0   0.27720E-02  490836.6 3761936.4   668.4     5.00    31.82     1.40
 YES                   NO
 VOL284          0   0.27720E-02  490840.9 3762076.5   645.1     5.00    31.82     1.40
 YES                   NO
 VOL285          0   0.27720E-02  490819.3 3762164.8   652.5     5.00    31.82     1.40
 YES                   NO
 VOL286          0   0.27720E-02  491009.0 3761705.8   674.3     5.00    31.82     1.40
 YES                   NO
 VOL287          0   0.27720E-02  491144.7 3761705.8   675.7     5.00    31.82     1.40
 YES                   NO
 VOL288          0   0.27720E-02  491274.0 3761701.5   680.1     5.00    31.82     1.40
 YES                   NO
 VOL289          0   0.27720E-02  490892.6 3761891.1   663.5     5.00    31.82     1.40
 YES                   NO
 VOL290          0   0.27720E-02  491017.6 3761839.4   657.1     5.00    31.82     1.40
 YES                   NO
 VOL291          0   0.27720E-02  491153.4 3761841.6   674.8     5.00    31.82     1.40
 YES                   NO
 VOL292          0   0.27720E-02  491280.5 3761841.6   686.0     5.00    31.82     1.40
 YES                   NO
 VOL293          0   0.27720E-02  491315.0 3761906.2   669.4     5.00    31.82     1.40
 YES                   NO
 VOL294          0   0.27720E-02  491177.1 3761910.5   662.7     5.00    31.82     1.40
 YES                   NO
 VOL295          0   0.27720E-02  491039.1 3761925.6   663.6     5.00    31.82     1.40
 YES                   NO
 VOL296          0   0.27720E-02  490957.3 3762014.0   645.0     5.00    31.82     1.40
 YES                   NO
 VOL297          0   0.27720E-02  490334.5 3761595.9   680.2     5.00    31.82     1.40
 YES                   NO
 VOL298          0   0.27720E-02  490431.4 3761604.5   677.6     5.00    31.82     1.40
 YES                   NO
 VOL299          0   0.27720E-02  492575.6 3761736.0   692.0     5.00    31.82     1.40
 YES                   NO
 VOL300          0   0.27720E-02  492629.5 3761863.1   690.3     5.00    31.82     1.40
 YES                   NO
 VOL301          0   0.27720E-02  492517.5 3761802.8   685.0     5.00    31.82     1.40
 YES                   NO
 VOL302          0   0.27720E-02  491368.9 3761522.6   658.3     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:17:23

                      PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE SCALAR VARY BY	EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL303	0		0.27720E-02	491502.5	3761585.1	662.4	5.00	31.82	1.40
YES		NO							
VOL304	0		0.27720E-02	491638.2	3761662.7	643.6	5.00	31.82	1.40
YES		NO							

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
	VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 15:17:23

PAGE 11
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 ,
VOL212 , VOL213 ,

VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 ,
VOL220 , VOL221 ,

VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 ,
VOL228 , VOL229 ,

VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 ,
VOL237 , VOL238 ,

VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 ,
VOL245 , VOL246 ,

VOL247 , VOL248 , VOL249 , VOL250 , VOL251 , VOL252 ,
VOL253 , VOL254 ,

VOL255 , VOL256 , VOL257 , VOL258 , VOL259 , VOL260 ,
VOL261 , VOL262 ,

VOL263 , VOL264 , VOL265 , VOL266 , VOL267 , VOL268 ,
VOL269 , VOL270 ,

VOL271 , VOL272 , VOL273 , VOL274 , VOL275 , VOL276 ,
VOL277 , VOL278 ,

VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 ,
VOL285 , VOL286 ,

VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 ,
VOL293 , VOL294 ,

VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 ,
VOL301 , VOL302 ,

VOL303 , VOL304 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
		VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
		VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
		VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
		VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
		VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
		VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,

VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 ,
VOL212 , VOL213 ,

VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 ,
VOL220 , VOL221 ,

VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 ,
VOL228 , VOL229 ,

VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 ,
VOL237 , VOL238 ,

VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 ,
VOL245 , VOL246 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
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(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
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(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
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735.9, 740.0, 2.0);
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735.0, 735.0, 2.0);
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721.9, 721.9, 2.0);
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723.6, 723.6, 2.0);
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731.0, 731.0, 2.0);
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(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.9, 3762203.2, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90

```
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        15:17:23

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                  VOL17       , VOL18       , VOL19       ,
                  VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                  VOL25       , VOL26       , VOL30       ,
                  VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                  VOL47       , VOL48       ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF NOX      IN
                                       MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - -
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```
      3762025.73        4.47304  (13061401)
493614.36   3762035.00        4.45114  (13061401)                493613.13
      3762043.74        4.44422  (13090302)
493613.66   3762052.14        4.43212  (13090302)                493613.83
      3762061.58        4.41794  (13090302)
493614.18   3762071.55        4.40104  (13090302)                493696.46
      3761742.53        4.83619  (12091721)
493707.35   3761768.92        4.69374  (13072306)                493727.98
      3761742.80        4.84837  (14111305)
493755.61   3761733.69        5.05615  (12080922)                493750.48
      3761720.58        4.99595  (14111305)
493745.92   3761709.48        4.96202  (12072023)                493741.37
      3761696.95        4.98459  (12072023)
493738.52   3761681.00        5.03672  (12072023)                493737.38
      3761663.91        5.13999  (12072023)
493736.52   3761651.38        5.15760  (12072023)                494418.08
      3761416.13        5.61232  (12072023)
494473.73   3761368.11        5.53877  (12081902)                494939.85
      3761394.35        3.98437  (12091721)
494686.37   3761403.42        4.45137  (13070724)                494575.98
      3761568.60        4.34272  (13061924)
494541.49   3761602.79        4.47611  (12091721)                494822.53
      3761435.24        4.02022  (13070724)
494846.18   3761504.63        3.88004  (13061924)                494841.06
      3761535.78        3.84928  (13061924)
494837.90   3761553.12        3.83023  (13061924)                494885.61
      3761199.09        4.48394  (12081902)
494976.68   3761325.65        4.12687  (12100723)                494985.35
      3761366.25        3.99368  (12091721)
495070.90   3761299.23        3.80422  (12072023)                495115.47
      3760632.60        4.47099  (12080804)
495069.03   3760685.30        4.65484  (12091206)                495087.55
      3760728.31        4.74553  (12080801)
495079.90   3760834.52        4.91379  (13090105)                495202.38
      3760883.65        4.71222  (13090105)
495237.63   3760939.31        4.69121  (12090520)                495298.45
      3761048.56        4.39934  (13090106)
490844.43   3759375.83        0.46237  (14012117)                490895.79
      3759357.70        0.46126  (14012117)
490596.67   3759246.67        0.42198  (14012117)                489103.59
      3759859.22        0.40176  (12110403)
488940.48   3759893.26        0.40245  (12110403)                488472.34
      3759865.64        0.39303  (12110405)
488432.53   3759884.27        0.39333  (12110405)                488713.15
      3759827.76        0.39232  (12110405)
487562.29   3760285.62        0.39780  (14021406)                487809.35
      3760420.86        0.42852  (14021406)
487553.10   3761208.24        0.51861  (12012824)                487899.76
      3760972.40        0.53342  (12111220)
487983.18   3762301.23        0.72455  (14022723)                487913.66
      3762403.25        0.70059  (14022723)
487890.59   3762238.09        0.68805  (14022723)                488190.14
      3762513.88        0.74567  (14022723)
488424.39   3762586.51        0.82514  (14011323)                488657.54
      3762495.87        0.94794  (12010119)
488908.17   3762583.23        1.07184  (12010119)                489170.26
      3762660.77        1.21953  (14011322)
489382.17   3762809.64        1.24039  (14120316)                489294.91
      3762783.65        1.21735  (14120316)
489889.72   3762661.22        2.21574  (14012117)                490022.93
      3762783.29        1.74644  (14012117)
490423.96   3762839.25        1.81380  (14012117)                490375.94
      3762870.37        1.71171  (14012117)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.98964	(14012117)	491132.33	3762903.51	1.74876	(14012117)
492890.92	3762203.25	5.41686	(13061923)	492961.55	3762258.51	4.90756	(13061923)
493033.99	3762272.60	5.26379	(12081804)	493032.31	3762205.18	5.30562	(12081004)
493087.32	3762215.25	5.12002	(12090723)	493079.94	3762296.41	5.08073	(12080206)
493163.79	3762367.18	3.95893	(13061923)	493068.87	3762510.05	4.14300	(12080206)
493101.07	3762454.71	4.36271	(12080206)	493281.84	3762369.19	4.31894	(12100622)
493351.51	3762095.42	5.00398	(13090302)	493439.48	3762105.84	4.74778	(13090302)
493972.90	3763044.23	2.55885	(13081505)	493957.03	3763184.09	2.43642	(13083102)
493583.55	3763480.45	2.03647	(12100624)	493258.47	3763568.15	1.86755	(13083103)
492895.78	3763485.72	1.46021	(13070822)	493781.01	3761659.05	5.55639	(12072023)
493797.63	3761658.35	5.50185	(12091721)	493831.94	3761631.47	5.40290	(12081902)
493900.20	3761664.01	5.19871	(12091721)	493918.59	3761666.13	5.17105	(12091721)
493929.55	3761662.24	5.15850	(12091721)	493945.82	3761667.90	5.10777	(12091721)
493758.37	3761524.30	5.66843	(12082722)	493961.03	3761672.85	5.05920	(12091721)
493975.18	3761679.57	5.04984	(12091721)	493987.55	3761687.70	5.01163	(12091721)
493998.87	3761697.25	4.97938	(12091721)	494007.71	3761707.51	4.92215	(12091721)
494016.91	3761718.12	4.86754	(13072306)	494024.69	3761730.85	4.88757	(13072306)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH	1ST HIGH VALUE IS 5.66843	ON 12082722: AT (493758.37, 3761524.30, 724.76, 724.76, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 15:17:23

PAGE 21

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 627 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 627 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Ops PM10\15218
Ph5 Ops PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Ops PM10.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
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   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
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LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
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LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
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LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
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LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
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LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
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LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
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LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
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   SRCPARAM VOL304       0.0029004712     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED "15218 Ph5 Ops PM10.rou"
RE FINISHED
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** AERMOD Meteorology Pathway
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**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
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** AERMOD Output Pathway
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**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH5 OPS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph5 Ops PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     627       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     627       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
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 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:30:33

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   282 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:    282 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    282 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours
```

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph5 Ops PM10.err
**File for Summary of Results: 15218 Ph5 Ops PM10.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL4	0	0.29005E-02	492797.1	3762283.9	695.0	5.00	31.82	1.40	YES	NO
VOL5	0	0.29005E-02	493197.6	3761815.0	710.4	5.00	31.82	1.40	YES	NO
VOL6	0	0.29005E-02	492524.0	3762265.1	688.3	5.00	31.82	1.40	YES	NO
VOL7	0	0.29005E-02	492388.1	3762262.6	696.8	5.00	31.82	1.40	YES	NO
VOL8	0	0.29005E-02	492254.8	3762271.8	683.2	5.00	31.82	1.40	YES	NO
VOL9	0	0.29005E-02	493145.9	3761467.1	686.4	5.00	31.82	1.40	YES	NO
VOL10	0	0.29005E-02	493285.0	3761471.8	687.9	5.00	31.82	1.40	YES	NO
VOL11	0	0.29005E-02	493368.3	3761535.2	695.0	5.00	31.82	1.40	YES	NO
VOL12	0	0.29005E-02	493510.0	3761002.1	674.8	5.00	31.82	1.40	YES	NO
VOL16	0	0.29005E-02	492659.4	3762267.1	695.9	5.00	31.82	1.40	YES	NO
VOL17	0	0.29005E-02	493185.4	3761712.2	707.4	5.00	31.82	1.40	YES	NO
VOL18	0	0.29005E-02	491986.2	3762340.0	678.9	5.00	31.82	1.40	YES	NO
VOL19	0	0.29005E-02	491843.1	3762383.8	670.7	5.00	31.82	1.40	YES	NO
VOL20	0	0.29005E-02	492118.5	3762307.8	682.7	5.00	31.82	1.40	YES	NO

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 VOL21            0   0.29005E-02  493148.2 3761325.5   685.0     5.00    31.82     1.40
 YES                    NO
 VOL22            0   0.29005E-02  493285.0 3761332.6   690.3     5.00    31.82     1.40
 YES                    NO
 VOL23            0   0.29005E-02  493368.3 3761393.7   681.0     5.00    31.82     1.40
 YES                    NO
 VOL24            0   0.29005E-02  493874.8 3761274.2   695.9     5.00    31.82     1.40
 YES                    NO
 VOL25            0   0.29005E-02  494008.7 3761247.0   701.2     5.00    31.82     1.40
 YES                    NO
 VOL26            0   0.29005E-02  494137.7 3761246.0   721.6     5.00    31.82     1.40
 YES                    NO
 VOL30            0   0.29005E-02  493263.0 3761716.6   705.5     5.00    31.82     1.40
 YES                    NO
 VOL31            0   0.29005E-02  493268.3 3761811.5   710.9     5.00    31.82     1.40
 YES                    NO
 VOL35            0   0.29005E-02  493145.9 3761184.0   686.7     5.00    31.82     1.40
 YES                    NO
 VOL36            0   0.29005E-02  493287.4 3761193.4   698.1     5.00    31.82     1.40
 YES                    NO
 VOL37            0   0.29005E-02  493373.0 3761252.2   680.9     5.00    31.82     1.40
 YES                    NO
 VOL46            0   0.29005E-02  493128.3 3761058.6   681.0     5.00    31.82     1.40
 YES                    NO
 VOL47            0   0.29005E-02  493228.4 3761082.6   683.1     5.00    31.82     1.40
 YES                    NO
 VOL48            0   0.29005E-02  493354.1 3761167.3   672.4     5.00    31.82     1.40
 YES                    NO
 VOL49            0   0.29005E-02  493730.8 3761261.8   682.1     5.00    31.82     1.40
 YES                    NO
 VOL50            0   0.29005E-02  493622.3 3761120.3   685.5     5.00    31.82     1.40
 YES                    NO
 VOL51            0   0.29005E-02  493605.8 3760987.0   697.6     5.00    31.82     1.40
 YES                    NO
 VOL52            0   0.29005E-02  493754.4 3761122.7   701.4     5.00    31.82     1.40
 YES                    NO
 VOL53            0   0.29005E-02  493888.9 3761136.8   695.4     5.00    31.82     1.40
 YES                    NO
 VOL54            0   0.29005E-02  494028.0 3761118.0   705.9     5.00    31.82     1.40
 YES                    NO
 VOL55            0   0.29005E-02  494162.5 3761118.0   703.1     5.00    31.82     1.40
 YES                    NO
 VOL56            0   0.29005E-02  494212.0 3761120.3   695.8     5.00    31.82     1.40
 YES                    NO
 VOL57            0   0.29005E-02  493747.3 3760981.2   688.8     5.00    31.82     1.40
 YES                    NO
 VOL58            0   0.29005E-02  493888.9 3760995.3   684.8     5.00    31.82     1.40
 YES                    NO
 VOL59            0   0.29005E-02  493884.1 3760901.0   683.2     5.00    31.82     1.40
 YES                    NO
 VOL60            0   0.29005E-02  494032.8 3760981.2   693.3     5.00    31.82     1.40
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:30:33

                    PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
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SOURCE ID	SCALAR CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	VARY BY
VOL61	0	0.29005E-02	494025.7	3760901.0	694.7	5.00	31.82	1.40	NO
VOL62	0	0.29005E-02	494174.3	3760981.2	692.9	5.00	31.82	1.40	NO
VOL63	0	0.29005E-02	494301.7	3760992.9	697.0	5.00	31.82	1.40	NO
VOL64	0	0.29005E-02	494287.9	3761410.9	719.0	5.00	31.82	1.40	NO
VOL65	0	0.29005E-02	492653.1	3762138.7	689.1	5.00	31.82	1.40	NO
VOL66	0	0.29005E-02	491979.9	3762211.7	686.9	5.00	31.82	1.40	NO
VOL67	0	0.29005E-02	491836.8	3762255.5	683.4	5.00	31.82	1.40	NO
VOL68	0	0.29005E-02	492112.2	3762179.4	689.5	5.00	31.82	1.40	NO
VOL69	0	0.29005E-02	491694.4	3762248.6	690.2	5.00	31.82	1.40	NO
VOL70	0	0.29005E-02	492517.7	3762136.8	695.7	5.00	31.82	1.40	NO
VOL71	0	0.29005E-02	492381.8	3762134.3	693.9	5.00	31.82	1.40	NO
VOL72	0	0.29005E-02	492248.5	3762143.5	690.0	5.00	31.82	1.40	NO
VOL74	0	0.29005E-02	491979.9	3762077.8	692.8	5.00	31.82	1.40	NO
VOL75	0	0.29005E-02	491917.1	3762126.5	686.3	5.00	31.82	1.40	NO
VOL76	0	0.29005E-02	492112.2	3762045.6	687.6	5.00	31.82	1.40	NO
VOL77	0	0.29005E-02	492234.6	3761900.7	682.3	5.00	31.82	1.40	NO
VOL78	0	0.29005E-02	492517.7	3762002.9	686.1	5.00	31.82	1.40	NO
VOL79	0	0.29005E-02	492381.8	3762000.4	683.7	5.00	31.82	1.40	NO
VOL80	0	0.29005E-02	492248.5	3762009.6	684.6	5.00	31.82	1.40	NO
VOL81	0	0.29005E-02	492101.1	3761906.6	686.0	5.00	31.82	1.40	NO
VOL82	0	0.29005E-02	491981.9	3761950.4	678.8	5.00	31.82	1.40	NO
VOL83	0	0.29005E-02	491977.0	3761816.6	673.3	5.00	31.82	1.40	NO
VOL84	0	0.29005E-02	491928.4	3761984.5	688.2	5.00	31.82	1.40	NO
VOL85	0	0.29005E-02	491930.8	3761843.4	679.8	5.00	31.82	1.40	NO
VOL86	0	0.29005E-02	491794.5	3761889.6	686.2	5.00	31.82	1.40	NO
VOL87	0	0.29005E-02	491658.3	3761877.4	655.9	5.00	31.82	1.40	NO
VOL88	0	0.29005E-02	491835.9	3761787.4	683.2	5.00	31.82	1.40	NO
VOL89	0	0.29005E-02	491702.1	3761770.4	661.0	5.00	31.82	1.40	NO
VOL90	0	0.29005E-02	491592.6	3761743.6	657.9	5.00	31.82	1.40	NO
VOL91	0	0.29005E-02	491801.8	3762386.9	675.2	5.00	31.82	1.40	NO

VOL92	0	0.29005E-02	493009.6	3761326.3	677.2	5.00	31.82	1.40
YES		NO						
VOL93	0	0.29005E-02	493007.3	3761184.8	680.7	5.00	31.82	1.40
YES		NO						
VOL94	0	0.29005E-02	492989.8	3761059.4	667.2	5.00	31.82	1.40
YES		NO						
VOL95	0	0.29005E-02	493007.3	3761467.9	685.7	5.00	31.82	1.40
YES		NO						
VOL96	0	0.29005E-02	492870.9	3761328.5	683.9	5.00	31.82	1.40
YES		NO						
VOL97	0	0.29005E-02	492868.6	3761187.0	685.6	5.00	31.82	1.40
YES		NO						
VOL98	0	0.29005E-02	492851.0	3761061.6	685.9	5.00	31.82	1.40
YES		NO						
VOL99	0	0.29005E-02	492868.6	3761470.1	684.7	5.00	31.82	1.40
YES		NO						
VOL100	0	0.29005E-02	492734.4	3761330.7	695.1	5.00	31.82	1.40
YES		NO						
VOL101	0	0.29005E-02	492732.0	3761189.2	696.1	5.00	31.82	1.40
YES		NO						

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 15:30:33

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL102	0	0.29005E-02	492714.5	3761063.8	701.2	5.00	31.82	1.40	
YES		NO							
VOL103	0	0.29005E-02	492732.0	3761472.3	683.0	5.00	31.82	1.40	
YES		NO							
VOL104	0	0.29005E-02	492600.0	3761332.9	685.1	5.00	31.82	1.40	
YES		NO							
VOL105	0	0.29005E-02	492597.7	3761191.4	696.6	5.00	31.82	1.40	
YES		NO							
VOL106	0	0.29005E-02	492580.2	3761066.0	698.9	5.00	31.82	1.40	
YES		NO							
VOL107	0	0.29005E-02	492597.7	3761474.5	684.3	5.00	31.82	1.40	
YES		NO							
VOL108	0	0.29005E-02	492460.2	3761324.7	683.3	5.00	31.82	1.40	
YES		NO							
VOL109	0	0.29005E-02	492457.9	3761183.2	697.4	5.00	31.82	1.40	
YES		NO							
VOL110	0	0.29005E-02	492440.3	3761057.8	691.8	5.00	31.82	1.40	
YES		NO							
VOL111	0	0.29005E-02	492457.9	3761466.3	683.8	5.00	31.82	1.40	
YES		NO							
VOL112	0	0.29005E-02	492547.6	3761006.4	698.0	5.00	31.82	1.40	
YES		NO							
VOL113	0	0.29005E-02	492686.4	3761006.4	700.8	5.00	31.82	1.40	
YES		NO							
VOL114	0	0.29005E-02	492827.3	3761010.8	686.2	5.00	31.82	1.40	
YES		NO							

VOL115	0	0.29005E-02	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES		NO						
VOL116	0	0.29005E-02	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES		NO						
VOL117	0	0.29005E-02	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES		NO						
VOL118	0	0.29005E-02	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						
VOL119	0	0.29005E-02	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.29005E-02	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.29005E-02	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.29005E-02	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.29005E-02	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.29005E-02	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.29005E-02	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.29005E-02	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.29005E-02	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.29005E-02	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.29005E-02	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.29005E-02	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.29005E-02	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.29005E-02	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.29005E-02	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.29005E-02	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.29005E-02	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.29005E-02	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.29005E-02	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.29005E-02	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.29005E-02	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.29005E-02	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.29005E-02	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT. INIT.

SOURCE ID	URBAN SOURCE VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SCALAR CATS. (METERS)
VOL142	0	0.29005E-02		492058.8	3762453.2	684.2	5.00	31.82	1.40	
YES	NO									
VOL143	0	0.29005E-02		492135.8	3762514.9	686.2	5.00	31.82	1.40	
YES	NO									
VOL144	0	0.29005E-02		491926.6	3762475.2	684.2	5.00	31.82	1.40	
YES	NO									
VOL145	0	0.29005E-02		491781.3	3762517.1	682.3	5.00	31.82	1.40	
YES	NO									
VOL146	0	0.29005E-02		491926.6	3762517.1	687.8	5.00	31.82	1.40	
YES	NO									
VOL147	0	0.29005E-02		492038.9	3762517.1	687.9	5.00	31.82	1.40	
YES	NO									
VOL148	0	0.29005E-02		494205.9	3761460.0	714.0	5.00	31.82	1.40	
YES	NO									
VOL149	0	0.29005E-02		491610.6	3762444.9	676.3	5.00	31.82	1.40	
YES	NO									
VOL150	0	0.29005E-02		492325.0	3761335.6	691.0	5.00	31.82	1.40	
YES	NO									
VOL151	0	0.29005E-02		492322.6	3761477.1	685.4	5.00	31.82	1.40	
YES	NO									
VOL152	0	0.29005E-02		492305.1	3761068.7	680.8	5.00	31.82	1.40	
YES	NO									
VOL153	0	0.29005E-02		492322.6	3761194.1	682.6	5.00	31.82	1.40	
YES	NO									
VOL154	0	0.29005E-02		492191.5	3761335.6	683.7	5.00	31.82	1.40	
YES	NO									
VOL155	0	0.29005E-02		492189.2	3761477.1	693.8	5.00	31.82	1.40	
YES	NO									
VOL156	0	0.29005E-02		492238.4	3761059.6	676.0	5.00	31.82	1.40	
YES	NO									
VOL157	0	0.29005E-02		492189.2	3761194.1	677.8	5.00	31.82	1.40	
YES	NO									
VOL158	0	0.29005E-02		492419.9	3760998.3	689.8	5.00	31.82	1.40	
YES	NO									
VOL159	0	0.29005E-02		492111.4	3761281.5	683.5	5.00	31.82	1.40	
YES	NO									
VOL160	0	0.29005E-02		492055.5	3761413.1	669.3	5.00	31.82	1.40	
YES	NO									
VOL161	0	0.29005E-02		492057.3	3761515.9	682.8	5.00	31.82	1.40	
YES	NO									
VOL162	0	0.29005E-02		492008.6	3761494.3	684.2	5.00	31.82	1.40	
YES	NO									
VOL163	0	0.29005E-02		492014.1	3761416.7	668.3	5.00	31.82	1.40	
YES	NO									
VOL164	0	0.29005E-02		492190.8	3761535.8	686.1	5.00	31.82	1.40	
YES	NO									
VOL165	0	0.29005E-02		492326.1	3761519.5	681.3	5.00	31.82	1.40	
YES	NO									
VOL166	0	0.29005E-02		493401.0	3761806.3	709.4	5.00	31.82	1.40	
YES	NO									
VOL167	0	0.29005E-02		493514.6	3761800.9	707.0	5.00	31.82	1.40	
YES	NO									
VOL168	0	0.29005E-02		491218.7	3762466.4	662.9	5.00	31.82	1.40	
YES	NO									
VOL169	0	0.29005E-02		491225.9	3762334.7	670.5	5.00	31.82	1.40	
YES	NO									
VOL170	0	0.29005E-02		491247.5	3762210.3	671.3	5.00	31.82	1.40	
YES	NO									

VOL171 0 0.29005E-02 491083.4 3762369.0 660.6 5.00 31.82 1.40
YES NO
VOL172 0 0.29005E-02 491112.3 3762230.1 666.9 5.00 31.82 1.40
YES NO
VOL173 0 0.29005E-02 490867.0 3762534.9 630.8 5.00 31.82 1.40
YES NO
VOL174 0 0.29005E-02 490726.3 3762533.1 641.0 5.00 31.82 1.40
YES NO
VOL175 0 0.29005E-02 490347.6 3762574.6 669.2 5.00 31.82 1.40
YES NO
VOL176 0 0.29005E-02 490208.7 3762567.4 659.0 5.00 31.82 1.40
YES NO
VOL177 0 0.29005E-02 490073.4 3762509.7 648.6 5.00 31.82 1.40
YES NO
VOL178 0 0.29005E-02 489936.4 3762468.2 645.5 5.00 31.82 1.40
YES NO
VOL179 0 0.29005E-02 490425.1 3762441.2 661.4 5.00 31.82 1.40
YES NO
VOL180 0 0.29005E-02 490289.9 3762439.4 676.6 5.00 31.82 1.40
YES NO
VOL181 0 0.29005E-02 490154.6 3762435.7 660.5 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL182	0	0.29005E-02	490024.7	3762374.4	646.6	5.00	31.82	1.40	YES
VOL183	0	0.29005E-02	490349.4	3762309.5	666.3	5.00	31.82	1.40	YES
VOL184	0	0.29005E-02	490214.1	3762304.1	672.6	5.00	31.82	1.40	YES
VOL185	0	0.29005E-02	490082.5	3762298.7	667.9	5.00	31.82	1.40	YES
VOL186	0	0.29005E-02	489977.9	3762239.2	678.2	5.00	31.82	1.40	YES
VOL187	0	0.29005E-02	489923.7	3762147.2	674.0	5.00	31.82	1.40	YES
VOL188	0	0.29005E-02	490055.4	3762116.5	674.4	5.00	31.82	1.40	YES
VOL189	0	0.29005E-02	490116.7	3762165.2	679.8	5.00	31.82	1.40	YES
VOL190	0	0.29005E-02	490226.7	3762168.8	662.6	5.00	31.82	1.40	YES
VOL191	0	0.29005E-02	490149.2	3762037.2	660.1	5.00	31.82	1.40	YES
VOL192	0	0.29005E-02	494140.4	3761657.6	711.0	5.00	31.82	1.40	YES
VOL193	0	0.29005E-02	494263.5	3761644.8	714.4	5.00	31.82	1.40	YES

VOL194	0	0.29005E-02	494344.1	3761139.8	717.6	5.00	31.82	1.40
YES		NO						
VOL195	0	0.29005E-02	494437.5	3761008.3	705.9	5.00	31.82	1.40
YES		NO						
VOL196	0	0.29005E-02	494571.2	3761052.8	712.5	5.00	31.82	1.40
YES		NO						
VOL197	0	0.29005E-02	494431.1	3761139.8	722.3	5.00	31.82	1.40
YES		NO						
VOL198	0	0.29005E-02	494429.0	3761224.7	720.2	5.00	31.82	1.40
YES		NO						
VOL199	0	0.29005E-02	494569.1	3761184.4	716.6	5.00	31.82	1.40
YES		NO						
VOL200	0	0.29005E-02	491355.9	3762468.8	684.9	5.00	31.82	1.40
YES		NO						
VOL201	0	0.29005E-02	491355.9	3762339.3	685.0	5.00	31.82	1.40
YES		NO						
VOL202	0	0.29005E-02	491477.0	3762439.5	673.5	5.00	31.82	1.40
YES		NO						
VOL203	0	0.29005E-02	492654.6	3762000.7	693.4	5.00	31.82	1.40
YES		NO						
VOL204	0	0.29005E-02	492789.0	3762024.0	698.2	5.00	31.82	1.40
YES		NO						
VOL205	0	0.29005E-02	492859.9	3762014.8	699.4	5.00	31.82	1.40
YES		NO						
VOL206	0	0.29005E-02	492855.7	3761893.6	694.7	5.00	31.82	1.40
YES		NO						
VOL207	0	0.29005E-02	492848.7	3761753.0	689.6	5.00	31.82	1.40
YES		NO						
VOL208	0	0.29005E-02	492716.4	3761750.2	694.9	5.00	31.82	1.40
YES		NO						
VOL209	0	0.29005E-02	492768.0	3761883.9	694.8	5.00	31.82	1.40
YES		NO						
VOL210	0	0.29005E-02	493508.5	3761601.1	708.9	5.00	31.82	1.40
YES		NO						
VOL211	0	0.29005E-02	493505.2	3761466.7	686.8	5.00	31.82	1.40
YES		NO						
VOL212	0	0.29005E-02	493510.2	3761332.4	683.2	5.00	31.82	1.40
YES		NO						
VOL213	0	0.29005E-02	493492.1	3761227.5	682.8	5.00	31.82	1.40
YES		NO						
VOL214	0	0.29005E-02	493597.0	3761463.4	690.2	5.00	31.82	1.40
YES		NO						
VOL215	0	0.29005E-02	493616.7	3761335.6	681.8	5.00	31.82	1.40
YES		NO						
VOL216	0	0.29005E-02	490886.0	3761758.3	670.2	5.00	31.82	1.40
YES		NO						
VOL217	0	0.29005E-02	490872.5	3761650.4	671.5	5.00	31.82	1.40
YES		NO						
VOL218	0	0.29005E-02	490756.9	3761795.0	659.5	5.00	31.82	1.40
YES		NO						
VOL219	0	0.29005E-02	490743.4	3761679.3	673.1	5.00	31.82	1.40
YES		NO						
VOL220	0	0.29005E-02	490701.0	3761902.9	656.2	5.00	31.82	1.40
YES		NO						
VOL221	0	0.29005E-02	490564.1	3761870.1	665.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE	EMISSION RATE SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL222	0		0.29005E-02	490431.1	3761864.4	673.6	5.00	31.82	1.40
YES		NO							
VOL223	0		0.29005E-02	490332.8	3761829.7	675.2	5.00	31.82	1.40
YES		NO							
VOL224	0		0.29005E-02	490307.8	3761733.3	676.1	5.00	31.82	1.40
YES		NO							
VOL225	0		0.29005E-02	490448.5	3761725.6	677.0	5.00	31.82	1.40
YES		NO							
VOL226	0		0.29005E-02	490577.6	3761733.3	674.4	5.00	31.82	1.40
YES		NO							
VOL227	0		0.29005E-02	490668.2	3761773.8	666.8	5.00	31.82	1.40
YES		NO							
VOL228	0		0.29005E-02	490074.5	3761694.7	668.0	5.00	31.82	1.40
YES		NO							
VOL229	0		0.29005E-02	490084.2	3761548.2	673.3	5.00	31.82	1.40
YES		NO							
VOL230	0		0.29005E-02	489947.3	3761532.8	673.8	5.00	31.82	1.40
YES		NO							
VOL231	0		0.29005E-02	489812.4	3761476.9	667.9	5.00	31.82	1.40
YES		NO							
VOL232	0		0.29005E-02	489739.1	3761488.5	668.5	5.00	31.82	1.40
YES		NO							
VOL233	0		0.29005E-02	490205.6	3761627.3	670.8	5.00	31.82	1.40
YES		NO							
VOL235	0		0.29005E-02	490014.8	3761714.0	660.8	5.00	31.82	1.40
YES		NO							
VOL236	0		0.29005E-02	489798.9	3762429.1	665.9	5.00	31.82	1.40
YES		NO							
VOL237	0		0.29005E-02	489681.3	3762438.8	667.2	5.00	31.82	1.40
YES		NO							
VOL238	0		0.29005E-02	489671.7	3762305.8	664.8	5.00	31.82	1.40
YES		NO							
VOL239	0		0.29005E-02	489808.5	3762305.8	670.4	5.00	31.82	1.40
YES		NO							
VOL240	0		0.29005E-02	489904.9	3762334.7	671.7	5.00	31.82	1.40
YES		NO							
VOL241	0		0.29005E-02	489845.1	3762168.9	672.3	5.00	31.82	1.40
YES		NO							
VOL242	0		0.29005E-02	489708.3	3762170.8	682.2	5.00	31.82	1.40
YES		NO							
VOL243	0		0.29005E-02	489669.7	3762165.0	678.8	5.00	31.82	1.40
YES		NO							
VOL244	0		0.29005E-02	489662.0	3762032.1	681.2	5.00	31.82	1.40
YES		NO							
VOL245	0		0.29005E-02	489802.7	3762032.1	676.7	5.00	31.82	1.40
YES		NO							
VOL246	0		0.29005E-02	489941.5	3762008.9	669.3	5.00	31.82	1.40
YES		NO							
VOL247	0		0.29005E-02	490036.0	3761981.9	670.4	5.00	31.82	1.40
YES		NO							
VOL248	0		0.29005E-02	490009.0	3761843.2	663.4	5.00	31.82	1.40
YES		NO							
VOL249	0		0.29005E-02	489899.1	3761875.9	660.1	5.00	31.82	1.40
YES		NO							
VOL250	0		0.29005E-02	489808.5	3761895.2	671.5	5.00	31.82	1.40
YES		NO							

VOL251 0 0.29005E-02 489669.7 3761889.4 668.6 5.00 31.82 1.40
YES NO
VOL252 0 0.29005E-02 489866.3 3761787.3 661.2 5.00 31.82 1.40
YES NO
VOL253 0 0.29005E-02 489725.6 3761785.3 669.0 5.00 31.82 1.40
YES NO
VOL254 0 0.29005E-02 490479.5 3762532.8 635.8 5.00 31.82 1.40
YES NO
VOL255 0 0.29005E-02 490599.4 3762518.8 626.8 5.00 31.82 1.40
YES NO
VOL256 0 0.29005E-02 490971.6 3762447.1 635.5 5.00 31.82 1.40
YES NO
VOL257 0 0.29005E-02 491089.9 3762468.9 663.0 5.00 31.82 1.40
YES NO
VOL258 0 0.29005E-02 491006.0 3761570.2 677.5 5.00 31.82 1.40
YES NO
VOL259 0 0.29005E-02 491143.1 3761571.7 657.8 5.00 31.82 1.40
YES NO
VOL260 0 0.29005E-02 491278.5 3761567.1 669.7 5.00 31.82 1.40
YES NO
VOL261 0 0.29005E-02 493581.7 3761666.7 707.1 5.00 31.82 1.40
YES NO
VOL262 0 0.29005E-02 493594.1 3761563.9 684.0 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL263	0	0.29005E-02	494462.9	3760869.0	700.3	5.00	31.82	1.40
YES		NO						
VOL264	0	0.29005E-02	493760.1	3760912.3	681.9	5.00	31.82	1.40
YES		NO						
VOL265	0	0.29005E-02	492959.0	3761011.0	668.8	5.00	31.82	1.40
YES		NO						
VOL266	0	0.29005E-02	491541.7	3762540.3	681.6	5.00	31.82	1.40
YES		NO						
VOL267	0	0.29005E-02	492117.1	3761843.8	682.3	5.00	31.82	1.40
YES		NO						
VOL268	0	0.29005E-02	490185.8	3761768.3	673.4	5.00	31.82	1.40
YES		NO						
VOL269	0	0.29005E-02	490134.1	3761832.9	671.1	5.00	31.82	1.40
YES		NO						
VOL270	0	0.29005E-02	490166.4	3761910.5	671.3	5.00	31.82	1.40
YES		NO						
VOL271	0	0.29005E-02	490284.9	3761968.7	669.5	5.00	31.82	1.40
YES		NO						
VOL272	0	0.29005E-02	490289.2	3762059.2	665.2	5.00	31.82	1.40
YES		NO						
VOL273	0	0.29005E-02	490427.1	3761994.6	673.7	5.00	31.82	1.40
YES		NO						

VOL274	0	0.29005E-02	490259.0	3761876.0	673.4	5.00	31.82	1.40
YES		NO						
VOL275	0	0.29005E-02	490427.1	3762085.1	669.5	5.00	31.82	1.40
YES		NO						
VOL276	0	0.29005E-02	490567.2	3761998.9	666.8	5.00	31.82	1.40
YES		NO						
VOL277	0	0.29005E-02	490565.1	3762130.3	669.5	5.00	31.82	1.40
YES		NO						
VOL278	0	0.29005E-02	490627.5	3762261.8	653.7	5.00	31.82	1.40
YES		NO						
VOL279	0	0.29005E-02	490713.7	3762378.2	652.7	5.00	31.82	1.40
YES		NO						
VOL280	0	0.29005E-02	490707.3	3762039.8	663.0	5.00	31.82	1.40
YES		NO						
VOL281	0	0.29005E-02	490707.3	3762173.4	671.8	5.00	31.82	1.40
YES		NO						
VOL282	0	0.29005E-02	490752.5	3762263.9	667.0	5.00	31.82	1.40
YES		NO						
VOL283	0	0.29005E-02	490836.6	3761936.4	668.4	5.00	31.82	1.40
YES		NO						
VOL284	0	0.29005E-02	490840.9	3762076.5	645.1	5.00	31.82	1.40
YES		NO						
VOL285	0	0.29005E-02	490819.3	3762164.8	652.5	5.00	31.82	1.40
YES		NO						
VOL286	0	0.29005E-02	491009.0	3761705.8	674.3	5.00	31.82	1.40
YES		NO						
VOL287	0	0.29005E-02	491144.7	3761705.8	675.7	5.00	31.82	1.40
YES		NO						
VOL288	0	0.29005E-02	491274.0	3761701.5	680.1	5.00	31.82	1.40
YES		NO						
VOL289	0	0.29005E-02	490892.6	3761891.1	663.5	5.00	31.82	1.40
YES		NO						
VOL290	0	0.29005E-02	491017.6	3761839.4	657.1	5.00	31.82	1.40
YES		NO						
VOL291	0	0.29005E-02	491153.4	3761841.6	674.8	5.00	31.82	1.40
YES		NO						
VOL292	0	0.29005E-02	491280.5	3761841.6	686.0	5.00	31.82	1.40
YES		NO						
VOL293	0	0.29005E-02	491315.0	3761906.2	669.4	5.00	31.82	1.40
YES		NO						
VOL294	0	0.29005E-02	491177.1	3761910.5	662.7	5.00	31.82	1.40
YES		NO						
VOL295	0	0.29005E-02	491039.1	3761925.6	663.6	5.00	31.82	1.40
YES		NO						
VOL296	0	0.29005E-02	490957.3	3762014.0	645.0	5.00	31.82	1.40
YES		NO						
VOL297	0	0.29005E-02	490334.5	3761595.9	680.2	5.00	31.82	1.40
YES		NO						
VOL298	0	0.29005E-02	490431.4	3761604.5	677.6	5.00	31.82	1.40
YES		NO						
VOL299	0	0.29005E-02	492575.6	3761736.0	692.0	5.00	31.82	1.40
YES		NO						
VOL300	0	0.29005E-02	492629.5	3761863.1	690.3	5.00	31.82	1.40
YES		NO						
VOL301	0	0.29005E-02	492517.5	3761802.8	685.0	5.00	31.82	1.40
YES		NO						
VOL302	0	0.29005E-02	491368.9	3761522.6	658.3	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE SCALAR VARY BY	EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL303	0		0.29005E-02	491502.5	3761585.1	662.4	5.00	31.82	1.40
YES		NO							
VOL304	0		0.29005E-02	491638.2	3761662.7	643.6	5.00	31.82	1.40
YES		NO							

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
	VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 , VOL189 ,
	VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 , VOL197 ,
	VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 , VOL204 , VOL205 ,
	VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 , VOL212 , VOL213 ,
	VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 ,
	VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 ,
	VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 , VOL237 , VOL238 ,
	VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 ,
	VOL247 , VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 ,

VOL255 , VOL256 , VOL257 , VOL258 , VOL259 , VOL260 ,
VOL261 , VOL262 ,

VOL263 , VOL264 , VOL265 , VOL266 , VOL267 , VOL268 ,
VOL269 , VOL270 ,

VOL271 , VOL272 , VOL273 , VOL274 , VOL275 , VOL276 ,
VOL277 , VOL278 ,

VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 ,
VOL285 , VOL286 ,

VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 ,
VOL293 , VOL294 ,

VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 ,
VOL301 , VOL302 ,

VOL303 , VOL304 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
		VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
		VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
		VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
		VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
		VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
		VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,

VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 15:30:33

PAGE 13
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 ,
VOL212 , VOL213 ,

VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 ,
VOL220 , VOL221 ,

VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 ,
VOL228 , VOL229 ,

VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 ,
VOL237 , VOL238 ,

VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 ,
VOL245 , VOL246 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493343.8, 3762037.3, 711.3, 711.3, 2.0); (493410.0, 3761986.4, 713.0, 713.0, 2.0);
(493417.5, 3761973.0, 713.0, 713.0, 2.0); (493468.3, 3761958.4, 714.0, 714.0, 2.0);
(493499.8, 3761947.4, 713.9, 713.9, 2.0); (493614.4, 3761892.8, 711.3, 711.3, 2.0);
(493613.7, 3761905.0, 712.0, 712.0, 2.0); (493614.4, 3761917.1, 712.9, 712.9, 2.0);
(493614.4, 3761927.4, 713.5, 713.5, 2.0); (493613.3, 3761940.2, 714.2, 714.2, 2.0);
(493616.5, 3761952.1, 714.8, 714.8, 2.0); (493615.2, 3761961.7, 715.2, 715.2, 2.0);
(493614.5, 3761973.8, 715.6, 715.6, 2.0); (493614.0, 3761985.0, 716.0, 716.0, 2.0);
(493613.7, 3761996.5, 716.0, 716.0, 2.0); (493614.2, 3762007.4, 716.0, 716.0, 2.0);
(493615.8, 3762018.6, 716.0, 716.0, 2.0); (493614.7, 3762025.7, 716.1, 716.1, 2.0);
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(493707.3, 3761768.9, 706.9, 725.0, 2.0); (493728.0, 3761742.8, 710.3, 725.0, 2.0);
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(493745.9, 3761709.5, 711.5, 725.0, 2.0); (493741.4, 3761696.9, 711.0, 725.0, 2.0);
(493738.5, 3761681.0, 710.9, 726.0, 2.0); (493737.4, 3761663.9,

711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
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(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
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(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
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(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
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(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
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(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
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559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
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(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.9, 3762203.2, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90

```
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:30:33

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                VOL6        , VOL7        , VOL8        ,
                  VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                  VOL17       , VOL18       , VOL19       ,
                  VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                  VOL25       , VOL26       , VOL30       ,
                  VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                  VOL47       , VOL48       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10    IN
                                      MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       493343.85   3762037.28        1.90220  (14013024)               493409.97
       3761986.39        1.95407  (14013024)
       493417.46   3761972.99        1.98567  (14013024)               493468.31
       3761958.40        1.99866  (14013024)
       493499.84   3761947.37        1.95841  (14013024)               493614.36
       3761892.81        1.86471  (12110124)
       493613.66   3761905.05        1.82504  (12110124)               493614.36
       3761917.12        1.78887  (12110124)
       493614.36   3761927.44        1.76266  (12110124)               493613.31
       3761940.20        1.73271  (14013024)
       493616.46   3761952.10        1.69071  (12110124)               493615.23
       3761961.71        1.66662  (12110124)
       493614.53   3761973.78        1.63722  (12110124)               493614.01
       3761984.98        1.61260  (13030624)
       493613.66   3761996.52        1.59248  (13030624)               493614.18
       3762007.36        1.57359  (13030624)
       493615.76   3762018.56        1.55341  (13030624)               493614.71
```

```
      3762025.73        1.54249  (13030624)
      493614.36   3762035.00        1.52764  (13030624)                493613.13
      3762043.74        1.51492  (13030624)
      493613.66   3762052.14        1.50081  (13030624)                493613.83
      3762061.58        1.48554  (13030624)
      493614.18   3762071.55        1.46936  (13030624)                493696.46
      3761742.53        2.07660m (14111524)
      493707.35   3761768.92        1.94858m (14111524)                493727.98
      3761742.80        2.01466  (13070724)
      493755.61   3761733.69        2.06333  (13070724)                493750.48
      3761720.58        2.06005  (13070724)
      493745.92   3761709.48        2.06453  (13070724)                493741.37
      3761696.95        2.09289  (13070724)
      493738.52   3761681.00        2.12644  (13070724)                493737.38
      3761663.91        2.16056m (14111524)
      493736.52   3761651.38        2.19699m (14111524)                494418.08
      3761416.13        2.31005  (13070724)
      494473.73   3761368.11        2.22849  (13070724)                494939.85
      3761394.35        1.49356  (13070724)
      494686.37   3761403.42        1.63673  (13070724)                494575.98
      3761568.60        1.55571  (13070724)
      494541.49   3761602.79        1.59506  (13070724)                494822.53
      3761435.24        1.44704  (13070724)
      494846.18   3761504.63        1.38141  (13070724)                494841.06
      3761535.78        1.35980  (13070724)
      494837.90   3761553.12        1.34641  (13070724)                494885.61
      3761199.09        1.66779  (13070724)
      494976.68   3761325.65        1.52475  (13070724)                494985.35
      3761366.25        1.47434  (13070724)
      495070.90   3761299.23        1.42489  (13070724)                495115.47
      3760632.60        1.36277  (12073124)
      495069.03   3760685.30        1.45562  (12073124)                495087.55
      3760728.31        1.50080  (12073124)
      495079.90   3760834.52        1.55611  (12073124)                495202.38
      3760883.65        1.46291  (12073124)
      495237.63   3760939.31        1.42446c (12080524)                495298.45
      3761048.56        1.41576c (13090124)
      490844.43   3759375.83        0.31812  (15011124)                490895.79
      3759357.70        0.31747  (15011124)
      490596.67   3759246.67        0.29151  (15011124)                489103.59
      3759859.22        0.26465  (15122224)
      488940.48   3759893.26        0.25358  (15122224)                488472.34
      3759865.64        0.21864  (15122224)
      488432.53   3759884.27        0.21725  (15122224)                488713.15
      3759827.76        0.23199  (15122224)
      487562.29   3760285.62        0.18666  (13122624)                487809.35
      3760420.86        0.20600  (13122624)
      487553.10   3761208.24        0.21011  (12122024)                487899.76
      3760972.40        0.23095  (15122224)
      487983.18   3762301.23        0.27034  (15011124)                487913.66
      3762403.25        0.25759  (15011124)
      487890.59   3762238.09        0.25882  (15011124)                488190.14
      3762513.88        0.29254  (15011124)
      488424.39   3762586.51        0.32854  (15011124)                488657.54
      3762495.87        0.39765  (15011124)
      488908.17   3762583.23        0.46956  (15011124)                489170.26
      3762660.77        0.58475  (15011124)
      489382.17   3762809.64        0.64644  (15011124)                489294.91
      3762783.65        0.60767  (15011124)
      489889.72   3762661.22        1.46687m (14111524)                490022.93
      3762783.29        1.15974m (14111524)
      490423.96   3762839.25        1.20286m (14111524)                490375.94
      3762870.37        1.13461m (14111524)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	1.31764m	(14111524)	491132.33	3762903.51	1.15550m	(14111524)
492890.92	3762203.25	2.44932m	(14111524)	492961.55	3762258.51	2.02302	(14013024)
493033.99	3762272.60	1.87291	(14013024)	493032.31	3762205.18	2.01665	(14013024)
493087.32	3762215.25	1.87734	(14013024)	493079.94	3762296.41	1.77397	(14013024)
493163.79	3762367.18	1.44385	(14013024)	493068.87	3762510.05	1.37519	(14013024)
493101.07	3762454.71	1.45340	(14013024)	493281.84	3762369.19	1.43533	(14013024)
493351.51	3762095.42	1.78774	(14013024)	493439.48	3762105.84	1.65237	(14013024)
493972.90	3763044.23	0.60102	(12021924)	493957.03	3763184.09	0.55747	(12021924)
493583.55	3763480.45	0.45744	(12021924)	493258.47	3763568.15	0.45367	(13111624)
492895.78	3763485.72	0.51860m	(14111524)	493781.01	3761659.05	2.15835	(13070724)
493797.63	3761658.35	2.10698	(13070724)	493831.94	3761631.47	2.02459c	(12080524)
493900.20	3761664.01	1.90468	(13070724)	493918.59	3761666.13	1.90179	(13070724)
493929.55	3761662.24	1.91791	(13070724)	493945.82	3761667.90	1.86108	(13070724)
493758.37	3761524.30	2.28776	(13102324)	493961.03	3761672.85	1.82975	(13070724)
493975.18	3761679.57	1.83689	(13070724)	493987.55	3761687.70	1.81636	(13070724)
493998.87	3761697.25	1.80707	(13070724)	494007.71	3761707.51	1.77437	(13070724)
494016.91	3761718.12	1.72170	(13070724)	494024.69	3761730.85	1.73467	(13070724)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	2.44932m ON 14111524:	AT (492890.92, 3762203.25, 695.85, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 15:30:33

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 627 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 627 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/15/2024
** File: C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\Ph5 LST\15218 Ph5 Ops PM25\15218
Ph5 Ops PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2189641 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "15218 Ph5 Ops PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL4         VOLUME     492797.147  3762283.904      695.000
   LOCATION VOL5         VOLUME     493197.609  3761814.963      710.410
   LOCATION VOL6         VOLUME     492524.022  3762265.142      688.350
   LOCATION VOL7         VOLUME     492388.140  3762262.634      696.850
   LOCATION VOL8         VOLUME     492254.767  3762271.845      683.190
   LOCATION VOL9         VOLUME     493145.855  3761467.062      686.440
   LOCATION VOL10        VOLUME     493285.022  3761471.780      687.870
   LOCATION VOL11        VOLUME     493368.296  3761535.243      694.960
   LOCATION VOL12        VOLUME     493510.001  3761002.075      674.770
   LOCATION VOL16        VOLUME     492659.439  3762267.112      695.950
   LOCATION VOL17        VOLUME     493185.442  3761712.222      707.440
   LOCATION VOL18        VOLUME     491986.241  3762340.039      678.900
   LOCATION VOL19        VOLUME     491843.134  3762383.840      670.680
   LOCATION VOL20        VOLUME     492118.497  3762307.808      682.720
   LOCATION VOL21        VOLUME     493148.213  3761325.536      685.030
   LOCATION VOL22        VOLUME     493285.022  3761332.612      690.260
   LOCATION VOL23        VOLUME     493368.296  3761393.716      681.000
   LOCATION VOL24        VOLUME     493874.832  3761274.152      695.870
   LOCATION VOL25        VOLUME     494008.669  3761246.996      701.250
   LOCATION VOL26        VOLUME     494137.684  3761245.951      721.620
   LOCATION VOL30        VOLUME     493262.996  3761716.625      705.530
   LOCATION VOL31        VOLUME     493268.252  3761811.528      710.930
   LOCATION VOL35        VOLUME     493145.855  3761184.010      686.660
   LOCATION VOL36        VOLUME     493287.381  3761193.445      698.090
   LOCATION VOL37        VOLUME     493373.013  3761252.190      680.900
   LOCATION VOL46        VOLUME     493128.329  3761058.622      681.000
   LOCATION VOL47        VOLUME     493228.412  3761082.583      683.130
   LOCATION VOL48        VOLUME     493354.143  3761167.274      672.420
```

LOCATION VOL49	VOLUME	493730.829	3761261.849	682.060
LOCATION VOL50	VOLUME	493622.326	3761120.323	685.530
LOCATION VOL51	VOLUME	493605.815	3760986.953	697.590
LOCATION VOL52	VOLUME	493754.417	3761122.682	701.450
LOCATION VOL53	VOLUME	493888.867	3761136.834	695.360
LOCATION VOL54	VOLUME	494028.034	3761117.964	705.870
LOCATION VOL55	VOLUME	494162.484	3761117.964	703.090
LOCATION VOL56	VOLUME	494212.018	3761120.323	695.780
LOCATION VOL57	VOLUME	493747.341	3760981.156	688.790
LOCATION VOL58	VOLUME	493888.867	3760995.308	684.790
LOCATION VOL59	VOLUME	493884.149	3760900.957	683.160
LOCATION VOL60	VOLUME	494032.752	3760981.156	693.290
LOCATION VOL61	VOLUME	494025.676	3760900.957	694.680
LOCATION VOL62	VOLUME	494174.278	3760981.156	692.870
LOCATION VOL63	VOLUME	494301.652	3760992.949	697.050
LOCATION VOL64	VOLUME	494287.918	3761410.883	719.020
LOCATION VOL65	VOLUME	492653.133	3762138.735	689.140
LOCATION VOL66	VOLUME	491979.935	3762211.662	686.940
LOCATION VOL67	VOLUME	491836.828	3762255.463	683.430
LOCATION VOL68	VOLUME	492112.191	3762179.431	689.460
LOCATION VOL69	VOLUME	491694.375	3762248.627	690.220
LOCATION VOL70	VOLUME	492517.716	3762136.765	695.740
LOCATION VOL71	VOLUME	492381.835	3762134.257	693.910
LOCATION VOL72	VOLUME	492248.462	3762143.468	690.000
LOCATION VOL74	VOLUME	491979.935	3762077.825	692.840
LOCATION VOL75	VOLUME	491917.130	3762126.493	686.270
LOCATION VOL76	VOLUME	492112.191	3762045.594	687.570
LOCATION VOL77	VOLUME	492234.589	3761900.651	682.260
LOCATION VOL78	VOLUME	492517.716	3762002.928	686.070
LOCATION VOL79	VOLUME	492381.835	3762000.420	683.700
LOCATION VOL80	VOLUME	492248.462	3762009.631	684.600
LOCATION VOL81	VOLUME	492101.142	3761906.638	685.980
LOCATION VOL82	VOLUME	491981.905	3761950.440	678.750
LOCATION VOL83	VOLUME	491977.038	3761816.603	673.320
LOCATION VOL84	VOLUME	491928.370	3761984.507	688.230
LOCATION VOL85	VOLUME	491930.804	3761843.370	679.800
LOCATION VOL86	VOLUME	491794.533	3761889.605	686.230
LOCATION VOL87	VOLUME	491658.263	3761877.438	655.890
LOCATION VOL88	VOLUME	491835.901	3761787.402	683.220
LOCATION VOL89	VOLUME	491702.064	3761770.368	660.960
LOCATION VOL90	VOLUME	491592.561	3761743.601	657.910
LOCATION VOL91	VOLUME	491801.825	3762386.889	675.230
LOCATION VOL92	VOLUME	493009.650	3761326.333	677.190
LOCATION VOL93	VOLUME	493007.291	3761184.806	680.680
LOCATION VOL94	VOLUME	492989.765	3761059.418	667.250
LOCATION VOL95	VOLUME	493007.291	3761467.859	685.660
LOCATION VOL96	VOLUME	492870.912	3761328.535	683.940
LOCATION VOL97	VOLUME	492868.553	3761187.009	685.560
LOCATION VOL98	VOLUME	492851.027	3761061.620	685.880
LOCATION VOL99	VOLUME	492868.553	3761470.061	684.720
LOCATION VOL100	VOLUME	492734.376	3761330.737	695.130
LOCATION VOL101	VOLUME	492732.017	3761189.211	696.100
LOCATION VOL102	VOLUME	492714.491	3761063.823	701.170
LOCATION VOL103	VOLUME	492732.017	3761472.263	683.000
LOCATION VOL104	VOLUME	492600.042	3761332.939	685.130
LOCATION VOL105	VOLUME	492597.683	3761191.413	696.620
LOCATION VOL106	VOLUME	492580.157	3761066.025	698.940
LOCATION VOL107	VOLUME	492597.683	3761474.465	684.290
LOCATION VOL108	VOLUME	492460.221	3761324.738	683.350
LOCATION VOL109	VOLUME	492457.862	3761183.212	697.370
LOCATION VOL110	VOLUME	492440.336	3761057.824	691.830
LOCATION VOL111	VOLUME	492457.862	3761466.264	683.770
LOCATION VOL112	VOLUME	492547.645	3761006.352	698.000
LOCATION VOL113	VOLUME	492686.384	3761006.352	700.840
LOCATION VOL114	VOLUME	492827.324	3761010.756	686.200
LOCATION VOL115	VOLUME	494155.246	3761385.129	718.090

LOCATION VOL116 VOLUME 494005.497 3761391.736 716.150
LOCATION VOL117 VOLUME 494278.568 3761268.413 705.410
LOCATION VOL118 VOLUME 494351.241 3761308.052 709.780
LOCATION VOL119 VOLUME 491794.496 3762014.956 683.700
LOCATION VOL120 VOLUME 491794.496 3762136.076 681.790
LOCATION VOL121 VOLUME 491651.353 3762014.956 680.920
LOCATION VOL122 VOLUME 491655.758 3762138.279 683.820
LOCATION VOL123 VOLUME 491459.763 3761713.256 683.590
LOCATION VOL124 VOLUME 491398.101 3761664.807 677.350
LOCATION VOL125 VOLUME 491380.484 3761770.513 674.750
LOCATION VOL126 VOLUME 491523.626 3761851.994 657.220
LOCATION VOL127 VOLUME 491448.752 3761907.048 668.820
LOCATION VOL128 VOLUME 492778.876 3761534.878 683.590
LOCATION VOL129 VOLUME 492911.007 3761534.878 684.000
LOCATION VOL130 VOLUME 493065.161 3761816.759 708.650
LOCATION VOL131 VOLUME 493058.554 3761717.660 705.190
LOCATION VOL132 VOLUME 492988.084 3761807.950 705.320
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LOCATION VOL136 VOLUME 491457.560 3762125.065 662.660
LOCATION VOL137 VOLUME 491567.670 3762125.065 679.290
LOCATION VOL138 VOLUME 491561.063 3762266.006 677.300
LOCATION VOL139 VOLUME 491662.364 3762387.126 668.980
LOCATION VOL140 VOLUME 492329.628 3762378.318 687.970
LOCATION VOL141 VOLUME 492195.295 3762409.148 670.190
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LOCATION VOL143 VOLUME 492135.836 3762514.853 686.220
LOCATION VOL144 VOLUME 491926.627 3762475.214 684.170
LOCATION VOL145 VOLUME 491781.283 3762517.056 682.340
LOCATION VOL146 VOLUME 491926.627 3762517.056 687.810
LOCATION VOL147 VOLUME 492038.939 3762517.056 687.890
LOCATION VOL148 VOLUME 494205.896 3761460.003 714.000
LOCATION VOL149 VOLUME 491610.647 3762444.907 676.340
LOCATION VOL150 VOLUME 492325.004 3761335.580 691.050
LOCATION VOL151 VOLUME 492322.645 3761477.106 685.370
LOCATION VOL152 VOLUME 492305.119 3761068.666 680.790
LOCATION VOL153 VOLUME 492322.645 3761194.054 682.590
LOCATION VOL154 VOLUME 492191.541 3761335.580 683.690
LOCATION VOL155 VOLUME 492189.183 3761477.106 693.830
LOCATION VOL156 VOLUME 492238.388 3761059.648 675.990
LOCATION VOL157 VOLUME 492189.183 3761194.054 677.760
LOCATION VOL158 VOLUME 492419.852 3760998.320 689.790
LOCATION VOL159 VOLUME 492111.445 3761281.477 683.550
LOCATION VOL160 VOLUME 492055.536 3761413.135 669.310
LOCATION VOL161 VOLUME 492057.339 3761515.937 682.850
LOCATION VOL162 VOLUME 492008.643 3761494.295 684.200
LOCATION VOL163 VOLUME 492014.054 3761416.742 668.320
LOCATION VOL164 VOLUME 492190.801 3761535.776 686.060
LOCATION VOL165 VOLUME 492326.067 3761519.544 681.320
LOCATION VOL166 VOLUME 493400.980 3761806.308 709.360
LOCATION VOL167 VOLUME 493514.603 3761800.897 707.000
LOCATION VOL168 VOLUME 491218.691 3762466.405 662.900
LOCATION VOL169 VOLUME 491225.905 3762334.747 670.510
LOCATION VOL170 VOLUME 491247.547 3762210.302 671.300
LOCATION VOL171 VOLUME 491083.425 3762369.014 660.610
LOCATION VOL172 VOLUME 491112.282 3762230.141 666.880
LOCATION VOL173 VOLUME 490867.000 3762534.940 630.790
LOCATION VOL174 VOLUME 490726.323 3762533.137 641.040
LOCATION VOL175 VOLUME 490347.579 3762574.618 669.180
LOCATION VOL176 VOLUME 490208.706 3762567.404 658.980
LOCATION VOL177 VOLUME 490073.440 3762509.691 648.630
LOCATION VOL178 VOLUME 489936.370 3762468.209 645.490
LOCATION VOL179 VOLUME 490425.131 3762441.156 661.430
LOCATION VOL180 VOLUME 490289.865 3762439.352 676.600
LOCATION VOL181 VOLUME 490154.599 3762435.745 660.500

LOCATION VOL182	VOLUME	490024.744	3762374.425	646.610
LOCATION VOL183	VOLUME	490349.382	3762309.497	666.260
LOCATION VOL184	VOLUME	490214.116	3762304.086	672.620
LOCATION VOL185	VOLUME	490082.458	3762298.676	667.950
LOCATION VOL186	VOLUME	489977.852	3762239.159	678.170
LOCATION VOL187	VOLUME	489923.746	3762147.178	674.000
LOCATION VOL188	VOLUME	490055.404	3762116.518	674.400
LOCATION VOL189	VOLUME	490116.725	3762165.213	679.770
LOCATION VOL190	VOLUME	490226.741	3762168.821	662.600
LOCATION VOL191	VOLUME	490149.189	3762037.162	660.120
LOCATION VOL192	VOLUME	494140.445	3761657.568	711.010
LOCATION VOL193	VOLUME	494263.511	3761644.837	714.410
LOCATION VOL194	VOLUME	494344.140	3761139.843	717.560
LOCATION VOL195	VOLUME	494437.500	3761008.290	705.860
LOCATION VOL196	VOLUME	494571.175	3761052.848	712.520
LOCATION VOL197	VOLUME	494431.135	3761139.843	722.350
LOCATION VOL198	VOLUME	494429.013	3761224.716	720.230
LOCATION VOL199	VOLUME	494569.054	3761184.402	716.620
LOCATION VOL200	VOLUME	491355.887	3762468.787	684.880
LOCATION VOL201	VOLUME	491355.887	3762339.277	684.970
LOCATION VOL202	VOLUME	491477.042	3762439.543	673.550
LOCATION VOL203	VOLUME	492654.581	3762000.681	693.450
LOCATION VOL204	VOLUME	492788.961	3762024.013	698.200
LOCATION VOL205	VOLUME	492859.878	3762014.804	699.360
LOCATION VOL206	VOLUME	492855.700	3761893.650	694.660
LOCATION VOL207	VOLUME	492848.737	3761752.998	689.630
LOCATION VOL208	VOLUME	492716.442	3761750.213	694.870
LOCATION VOL209	VOLUME	492767.968	3761883.901	694.850
LOCATION VOL210	VOLUME	493508.520	3761601.057	708.890
LOCATION VOL211	VOLUME	493505.243	3761466.712	686.780
LOCATION VOL212	VOLUME	493510.158	3761332.366	683.200
LOCATION VOL213	VOLUME	493492.136	3761227.511	682.770
LOCATION VOL214	VOLUME	493596.992	3761463.435	690.200
LOCATION VOL215	VOLUME	493616.652	3761335.643	681.830
LOCATION VOL216	VOLUME	490886.004	3761758.345	670.160
LOCATION VOL217	VOLUME	490872.512	3761650.404	671.550
LOCATION VOL218	VOLUME	490756.861	3761794.967	659.470
LOCATION VOL219	VOLUME	490743.368	3761679.316	673.110
LOCATION VOL220	VOLUME	490700.963	3761902.908	656.200
LOCATION VOL221	VOLUME	490564.109	3761870.140	665.170
LOCATION VOL222	VOLUME	490431.111	3761864.358	673.640
LOCATION VOL223	VOLUME	490332.807	3761829.663	675.220
LOCATION VOL224	VOLUME	490307.750	3761733.287	676.110
LOCATION VOL225	VOLUME	490448.458	3761725.577	677.050
LOCATION VOL226	VOLUME	490577.602	3761733.287	674.440
LOCATION VOL227	VOLUME	490668.195	3761773.765	666.760
LOCATION VOL228	VOLUME	490074.520	3761694.737	668.000
LOCATION VOL229	VOLUME	490084.158	3761548.245	673.320
LOCATION VOL230	VOLUME	489947.304	3761532.825	673.830
LOCATION VOL231	VOLUME	489812.378	3761476.927	667.930
LOCATION VOL232	VOLUME	489739.133	3761488.493	668.490
LOCATION VOL233	VOLUME	490205.591	3761627.274	670.850
LOCATION VOL235	VOLUME	490014.767	3761714.012	660.790
LOCATION VOL236	VOLUME	489798.886	3762429.120	665.900
LOCATION VOL237	VOLUME	489681.307	3762438.757	667.250
LOCATION VOL238	VOLUME	489671.670	3762305.759	664.760
LOCATION VOL239	VOLUME	489808.523	3762305.759	670.400
LOCATION VOL240	VOLUME	489904.899	3762334.672	671.710
LOCATION VOL241	VOLUME	489845.146	3762168.905	672.310
LOCATION VOL242	VOLUME	489708.293	3762170.833	682.200
LOCATION VOL243	VOLUME	489669.742	3762165.050	678.840
LOCATION VOL244	VOLUME	489662.032	3762032.052	681.240
LOCATION VOL245	VOLUME	489802.741	3762032.052	676.690
LOCATION VOL246	VOLUME	489941.522	3762008.922	669.320
LOCATION VOL247	VOLUME	490035.970	3761981.936	670.380
LOCATION VOL248	VOLUME	490008.985	3761843.155	663.360

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   LOCATION VOL249       VOLUME     489899.117  3761875.923      660.110
   LOCATION VOL250       VOLUME     489808.523  3761895.198      671.540
   LOCATION VOL251       VOLUME     489669.742  3761889.416      668.590
   LOCATION VOL252       VOLUME     489866.349  3761787.257      661.160
   LOCATION VOL253       VOLUME     489725.640  3761785.330      669.010
   LOCATION VOL254       VOLUME     490479.496  3762532.770      635.790
   LOCATION VOL255       VOLUME     490599.400  3762518.755      626.760
   LOCATION VOL256       VOLUME     490971.567  3762447.124      635.520
   LOCATION VOL257       VOLUME     491089.913  3762468.925      662.980
   LOCATION VOL258       VOLUME     491006.037  3761570.166      677.530
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   LOCATION VOL260       VOLUME     491278.548  3761567.051      669.700
   LOCATION VOL261       VOLUME     493581.656  3761666.712      707.100
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   LOCATION VOL263       VOLUME     494462.944  3760869.024      700.270
   LOCATION VOL264       VOLUME     493760.083  3760912.348      681.880
   LOCATION VOL265       VOLUME     492959.041  3761011.044      668.810
   LOCATION VOL266       VOLUME     491541.701  3762540.269      681.650
   LOCATION VOL267       VOLUME     492117.145  3761843.767      682.340
   LOCATION VOL268       VOLUME     490185.778  3761768.297      673.450
   LOCATION VOL269       VOLUME     490134.059  3761832.947      671.110
   LOCATION VOL270       VOLUME     490166.384  3761910.526      671.280
   LOCATION VOL271       VOLUME     490284.907  3761968.710      669.540
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   LOCATION VOL274       VOLUME     490259.048  3761876.046      673.420
   LOCATION VOL275       VOLUME     490427.136  3762085.079      669.540
   LOCATION VOL276       VOLUME     490567.209  3761998.880      666.820
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   LOCATION VOL281       VOLUME     490707.282  3762173.433      671.830
   LOCATION VOL282       VOLUME     490752.537  3762263.942      667.010
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   LOCATION VOL284       VOLUME     490840.891  3762076.459      645.140
   LOCATION VOL285       VOLUME     490819.341  3762164.813      652.480
   LOCATION VOL286       VOLUME     491008.979  3761705.803      674.320
   LOCATION VOL287       VOLUME     491144.742  3761705.803      675.740
   LOCATION VOL288       VOLUME     491274.041  3761701.493      680.120
   LOCATION VOL289       VOLUME     490892.610  3761891.131      663.520
   LOCATION VOL290       VOLUME     491017.599  3761839.412      657.140
   LOCATION VOL291       VOLUME     491153.362  3761841.567      674.800
   LOCATION VOL292       VOLUME     491280.506  3761841.567      685.960
   LOCATION VOL293       VOLUME     491314.985  3761906.216      669.420
   LOCATION VOL294       VOLUME     491177.067  3761910.526      662.670
   LOCATION VOL295       VOLUME     491039.148  3761925.611      663.610
   LOCATION VOL296       VOLUME     490957.259  3762013.964      645.030
   LOCATION VOL297       VOLUME     490334.472  3761595.899      680.170
   LOCATION VOL298       VOLUME     490431.446  3761604.519      677.650
   LOCATION VOL299       VOLUME     492575.645  3761735.973      691.980
   LOCATION VOL300       VOLUME     492629.520  3761863.116      690.280
   LOCATION VOL301       VOLUME     492517.461  3761802.777      685.050
   LOCATION VOL302       VOLUME     491368.860  3761522.630      658.340
   LOCATION VOL303       VOLUME     491502.468  3761585.125      662.380
   LOCATION VOL304       VOLUME     491638.231  3761662.704      643.590
** Source Parameters **
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SRCPARAM VOL249       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL250       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL251       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL252       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL253       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL254       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL255       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL256       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL257       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL258       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL259       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL260       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL261       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL262       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL263       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL264       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL265       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL266       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL267       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL268       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL269       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL270       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL271       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL272       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL273       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL274       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL275       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL276       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL277       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL278       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL279       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL280       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL281       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL282       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL283       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL284       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL285       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL286       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL287       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL288       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL289       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL290       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL291       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL292       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL293       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL294       0.0007698471     5.000    31.816     1.400
SRCPARAM VOL295       0.0007698471     5.000    31.816     1.400
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   SRCPARAM VOL296       0.0007698471     5.000    31.816     1.400
   SRCPARAM VOL297       0.0007698471     5.000    31.816     1.400
   SRCPARAM VOL298       0.0007698471     5.000    31.816     1.400
   SRCPARAM VOL299       0.0007698471     5.000    31.816     1.400
   SRCPARAM VOL300       0.0007698471     5.000    31.816     1.400
   SRCPARAM VOL301       0.0007698471     5.000    31.816     1.400
   SRCPARAM VOL302       0.0007698471     5.000    31.816     1.400
   SRCPARAM VOL303       0.0007698471     5.000    31.816     1.400
   SRCPARAM VOL304       0.0007698471     5.000    31.816     1.400
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "15218 Ph5 Ops PM25.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "15218 PH5 OPS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "15218 Ph5 Ops PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     627       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     627       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:45:42

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   282 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:    282 Source(s);       1 Source Group(s); and     114 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    282 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours
```

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 15218 Ph5 Ops PM25.err
**File for Summary of Results: 15218 Ph5 Ops PM25.sum

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
VOL4	0	0.76985E-03	492797.1	3762283.9	695.0	5.00	31.82	1.40	YES	NO
VOL5	0	0.76985E-03	493197.6	3761815.0	710.4	5.00	31.82	1.40	YES	NO
VOL6	0	0.76985E-03	492524.0	3762265.1	688.3	5.00	31.82	1.40	YES	NO
VOL7	0	0.76985E-03	492388.1	3762262.6	696.8	5.00	31.82	1.40	YES	NO
VOL8	0	0.76985E-03	492254.8	3762271.8	683.2	5.00	31.82	1.40	YES	NO
VOL9	0	0.76985E-03	493145.9	3761467.1	686.4	5.00	31.82	1.40	YES	NO
VOL10	0	0.76985E-03	493285.0	3761471.8	687.9	5.00	31.82	1.40	YES	NO
VOL11	0	0.76985E-03	493368.3	3761535.2	695.0	5.00	31.82	1.40	YES	NO
VOL12	0	0.76985E-03	493510.0	3761002.1	674.8	5.00	31.82	1.40	YES	NO
VOL16	0	0.76985E-03	492659.4	3762267.1	695.9	5.00	31.82	1.40	YES	NO
VOL17	0	0.76985E-03	493185.4	3761712.2	707.4	5.00	31.82	1.40	YES	NO
VOL18	0	0.76985E-03	491986.2	3762340.0	678.9	5.00	31.82	1.40	YES	NO
VOL19	0	0.76985E-03	491843.1	3762383.8	670.7	5.00	31.82	1.40	YES	NO
VOL20	0	0.76985E-03	492118.5	3762307.8	682.7	5.00	31.82	1.40	YES	NO

VOL21	0	0.76985E-03	493148.2	3761325.5	685.0	5.00	31.82	1.40
YES		NO						
VOL22	0	0.76985E-03	493285.0	3761332.6	690.3	5.00	31.82	1.40
YES		NO						
VOL23	0	0.76985E-03	493368.3	3761393.7	681.0	5.00	31.82	1.40
YES		NO						
VOL24	0	0.76985E-03	493874.8	3761274.2	695.9	5.00	31.82	1.40
YES		NO						
VOL25	0	0.76985E-03	494008.7	3761247.0	701.2	5.00	31.82	1.40
YES		NO						
VOL26	0	0.76985E-03	494137.7	3761246.0	721.6	5.00	31.82	1.40
YES		NO						
VOL30	0	0.76985E-03	493263.0	3761716.6	705.5	5.00	31.82	1.40
YES		NO						
VOL31	0	0.76985E-03	493268.3	3761811.5	710.9	5.00	31.82	1.40
YES		NO						
VOL35	0	0.76985E-03	493145.9	3761184.0	686.7	5.00	31.82	1.40
YES		NO						
VOL36	0	0.76985E-03	493287.4	3761193.4	698.1	5.00	31.82	1.40
YES		NO						
VOL37	0	0.76985E-03	493373.0	3761252.2	680.9	5.00	31.82	1.40
YES		NO						
VOL46	0	0.76985E-03	493128.3	3761058.6	681.0	5.00	31.82	1.40
YES		NO						
VOL47	0	0.76985E-03	493228.4	3761082.6	683.1	5.00	31.82	1.40
YES		NO						
VOL48	0	0.76985E-03	493354.1	3761167.3	672.4	5.00	31.82	1.40
YES		NO						
VOL49	0	0.76985E-03	493730.8	3761261.8	682.1	5.00	31.82	1.40
YES		NO						
VOL50	0	0.76985E-03	493622.3	3761120.3	685.5	5.00	31.82	1.40
YES		NO						
VOL51	0	0.76985E-03	493605.8	3760987.0	697.6	5.00	31.82	1.40
YES		NO						
VOL52	0	0.76985E-03	493754.4	3761122.7	701.4	5.00	31.82	1.40
YES		NO						
VOL53	0	0.76985E-03	493888.9	3761136.8	695.4	5.00	31.82	1.40
YES		NO						
VOL54	0	0.76985E-03	494028.0	3761118.0	705.9	5.00	31.82	1.40
YES		NO						
VOL55	0	0.76985E-03	494162.5	3761118.0	703.1	5.00	31.82	1.40
YES		NO						
VOL56	0	0.76985E-03	494212.0	3761120.3	695.8	5.00	31.82	1.40
YES		NO						
VOL57	0	0.76985E-03	493747.3	3760981.2	688.8	5.00	31.82	1.40
YES		NO						
VOL58	0	0.76985E-03	493888.9	3760995.3	684.8	5.00	31.82	1.40
YES		NO						
VOL59	0	0.76985E-03	493884.1	3760901.0	683.2	5.00	31.82	1.40
YES		NO						
VOL60	0	0.76985E-03	494032.8	3760981.2	693.3	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ

SOURCE ID	SCALAR VARY CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
VOL61	0	0.76985E-03	494025.7	3760901.0	694.7	5.00	31.82	1.40	
YES									NO
VOL62	0	0.76985E-03	494174.3	3760981.2	692.9	5.00	31.82	1.40	
YES									NO
VOL63	0	0.76985E-03	494301.7	3760992.9	697.0	5.00	31.82	1.40	
YES									NO
VOL64	0	0.76985E-03	494287.9	3761410.9	719.0	5.00	31.82	1.40	
YES									NO
VOL65	0	0.76985E-03	492653.1	3762138.7	689.1	5.00	31.82	1.40	
YES									NO
VOL66	0	0.76985E-03	491979.9	3762211.7	686.9	5.00	31.82	1.40	
YES									NO
VOL67	0	0.76985E-03	491836.8	3762255.5	683.4	5.00	31.82	1.40	
YES									NO
VOL68	0	0.76985E-03	492112.2	3762179.4	689.5	5.00	31.82	1.40	
YES									NO
VOL69	0	0.76985E-03	491694.4	3762248.6	690.2	5.00	31.82	1.40	
YES									NO
VOL70	0	0.76985E-03	492517.7	3762136.8	695.7	5.00	31.82	1.40	
YES									NO
VOL71	0	0.76985E-03	492381.8	3762134.3	693.9	5.00	31.82	1.40	
YES									NO
VOL72	0	0.76985E-03	492248.5	3762143.5	690.0	5.00	31.82	1.40	
YES									NO
VOL74	0	0.76985E-03	491979.9	3762077.8	692.8	5.00	31.82	1.40	
YES									NO
VOL75	0	0.76985E-03	491917.1	3762126.5	686.3	5.00	31.82	1.40	
YES									NO
VOL76	0	0.76985E-03	492112.2	3762045.6	687.6	5.00	31.82	1.40	
YES									NO
VOL77	0	0.76985E-03	492234.6	3761900.7	682.3	5.00	31.82	1.40	
YES									NO
VOL78	0	0.76985E-03	492517.7	3762002.9	686.1	5.00	31.82	1.40	
YES									NO
VOL79	0	0.76985E-03	492381.8	3762000.4	683.7	5.00	31.82	1.40	
YES									NO
VOL80	0	0.76985E-03	492248.5	3762009.6	684.6	5.00	31.82	1.40	
YES									NO
VOL81	0	0.76985E-03	492101.1	3761906.6	686.0	5.00	31.82	1.40	
YES									NO
VOL82	0	0.76985E-03	491981.9	3761950.4	678.8	5.00	31.82	1.40	
YES									NO
VOL83	0	0.76985E-03	491977.0	3761816.6	673.3	5.00	31.82	1.40	
YES									NO
VOL84	0	0.76985E-03	491928.4	3761984.5	688.2	5.00	31.82	1.40	
YES									NO
VOL85	0	0.76985E-03	491930.8	3761843.4	679.8	5.00	31.82	1.40	
YES									NO
VOL86	0	0.76985E-03	491794.5	3761889.6	686.2	5.00	31.82	1.40	
YES									NO
VOL87	0	0.76985E-03	491658.3	3761877.4	655.9	5.00	31.82	1.40	
YES									NO
VOL88	0	0.76985E-03	491835.9	3761787.4	683.2	5.00	31.82	1.40	
YES									NO
VOL89	0	0.76985E-03	491702.1	3761770.4	661.0	5.00	31.82	1.40	
YES									NO
VOL90	0	0.76985E-03	491592.6	3761743.6	657.9	5.00	31.82	1.40	
YES									NO
VOL91	0	0.76985E-03	491801.8	3762386.9	675.2	5.00	31.82	1.40	
YES									NO

VOL92	0	0.76985E-03	493009.6	3761326.3	677.2	5.00	31.82	1.40	
YES		NO							
VOL93	0	0.76985E-03	493007.3	3761184.8	680.7	5.00	31.82	1.40	
YES		NO							
VOL94	0	0.76985E-03	492989.8	3761059.4	667.2	5.00	31.82	1.40	
YES		NO							
VOL95	0	0.76985E-03	493007.3	3761467.9	685.7	5.00	31.82	1.40	
YES		NO							
VOL96	0	0.76985E-03	492870.9	3761328.5	683.9	5.00	31.82	1.40	
YES		NO							
VOL97	0	0.76985E-03	492868.6	3761187.0	685.6	5.00	31.82	1.40	
YES		NO							
VOL98	0	0.76985E-03	492851.0	3761061.6	685.9	5.00	31.82	1.40	
YES		NO							
VOL99	0	0.76985E-03	492868.6	3761470.1	684.7	5.00	31.82	1.40	
YES		NO							
VOL100	0	0.76985E-03	492734.4	3761330.7	695.1	5.00	31.82	1.40	
YES		NO							
VOL101	0	0.76985E-03	492732.0	3761189.2	696.1	5.00	31.82	1.40	
YES		NO							

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL102	0	0.76985E-03	492714.5	3761063.8	701.2	5.00	31.82	1.40	
YES		NO							
VOL103	0	0.76985E-03	492732.0	3761472.3	683.0	5.00	31.82	1.40	
YES		NO							
VOL104	0	0.76985E-03	492600.0	3761332.9	685.1	5.00	31.82	1.40	
YES		NO							
VOL105	0	0.76985E-03	492597.7	3761191.4	696.6	5.00	31.82	1.40	
YES		NO							
VOL106	0	0.76985E-03	492580.2	3761066.0	698.9	5.00	31.82	1.40	
YES		NO							
VOL107	0	0.76985E-03	492597.7	3761474.5	684.3	5.00	31.82	1.40	
YES		NO							
VOL108	0	0.76985E-03	492460.2	3761324.7	683.3	5.00	31.82	1.40	
YES		NO							
VOL109	0	0.76985E-03	492457.9	3761183.2	697.4	5.00	31.82	1.40	
YES		NO							
VOL110	0	0.76985E-03	492440.3	3761057.8	691.8	5.00	31.82	1.40	
YES		NO							
VOL111	0	0.76985E-03	492457.9	3761466.3	683.8	5.00	31.82	1.40	
YES		NO							
VOL112	0	0.76985E-03	492547.6	3761006.4	698.0	5.00	31.82	1.40	
YES		NO							
VOL113	0	0.76985E-03	492686.4	3761006.4	700.8	5.00	31.82	1.40	
YES		NO							
VOL114	0	0.76985E-03	492827.3	3761010.8	686.2	5.00	31.82	1.40	
YES		NO							

VOL115	0	0.76985E-03	494155.2	3761385.1	718.1	5.00	31.82	1.40
YES		NO						
VOL116	0	0.76985E-03	494005.5	3761391.7	716.1	5.00	31.82	1.40
YES		NO						
VOL117	0	0.76985E-03	494278.6	3761268.4	705.4	5.00	31.82	1.40
YES		NO						
VOL118	0	0.76985E-03	494351.2	3761308.1	709.8	5.00	31.82	1.40
YES		NO						
VOL119	0	0.76985E-03	491794.5	3762015.0	683.7	5.00	31.82	1.40
YES		NO						
VOL120	0	0.76985E-03	491794.5	3762136.1	681.8	5.00	31.82	1.40
YES		NO						
VOL121	0	0.76985E-03	491651.4	3762015.0	680.9	5.00	31.82	1.40
YES		NO						
VOL122	0	0.76985E-03	491655.8	3762138.3	683.8	5.00	31.82	1.40
YES		NO						
VOL123	0	0.76985E-03	491459.8	3761713.3	683.6	5.00	31.82	1.40
YES		NO						
VOL124	0	0.76985E-03	491398.1	3761664.8	677.3	5.00	31.82	1.40
YES		NO						
VOL125	0	0.76985E-03	491380.5	3761770.5	674.8	5.00	31.82	1.40
YES		NO						
VOL126	0	0.76985E-03	491523.6	3761852.0	657.2	5.00	31.82	1.40
YES		NO						
VOL127	0	0.76985E-03	491448.8	3761907.0	668.8	5.00	31.82	1.40
YES		NO						
VOL128	0	0.76985E-03	492778.9	3761534.9	683.6	5.00	31.82	1.40
YES		NO						
VOL129	0	0.76985E-03	492911.0	3761534.9	684.0	5.00	31.82	1.40
YES		NO						
VOL130	0	0.76985E-03	493065.2	3761816.8	708.6	5.00	31.82	1.40
YES		NO						
VOL131	0	0.76985E-03	493058.6	3761717.7	705.2	5.00	31.82	1.40
YES		NO						
VOL132	0	0.76985E-03	492988.1	3761807.9	705.3	5.00	31.82	1.40
YES		NO						
VOL133	0	0.76985E-03	492981.5	3761735.3	701.8	5.00	31.82	1.40
YES		NO						
VOL134	0	0.76985E-03	491550.1	3761986.3	682.6	5.00	31.82	1.40
YES		NO						
VOL135	0	0.76985E-03	491409.1	3761992.9	680.1	5.00	31.82	1.40
YES		NO						
VOL136	0	0.76985E-03	491457.6	3762125.1	662.7	5.00	31.82	1.40
YES		NO						
VOL137	0	0.76985E-03	491567.7	3762125.1	679.3	5.00	31.82	1.40
YES		NO						
VOL138	0	0.76985E-03	491561.1	3762266.0	677.3	5.00	31.82	1.40
YES		NO						
VOL139	0	0.76985E-03	491662.4	3762387.1	669.0	5.00	31.82	1.40
YES		NO						
VOL140	0	0.76985E-03	492329.6	3762378.3	688.0	5.00	31.82	1.40
YES		NO						
VOL141	0	0.76985E-03	492195.3	3762409.1	670.2	5.00	31.82	1.40
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.

SOURCE ID	URBAN SOURCE VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SCALAR CATS.
VOL142	0	0.76985E-03		492058.8	3762453.2	684.2	5.00	31.82	1.40	
YES	NO									
VOL143	0	0.76985E-03		492135.8	3762514.9	686.2	5.00	31.82	1.40	
YES	NO									
VOL144	0	0.76985E-03		491926.6	3762475.2	684.2	5.00	31.82	1.40	
YES	NO									
VOL145	0	0.76985E-03		491781.3	3762517.1	682.3	5.00	31.82	1.40	
YES	NO									
VOL146	0	0.76985E-03		491926.6	3762517.1	687.8	5.00	31.82	1.40	
YES	NO									
VOL147	0	0.76985E-03		492038.9	3762517.1	687.9	5.00	31.82	1.40	
YES	NO									
VOL148	0	0.76985E-03		494205.9	3761460.0	714.0	5.00	31.82	1.40	
YES	NO									
VOL149	0	0.76985E-03		491610.6	3762444.9	676.3	5.00	31.82	1.40	
YES	NO									
VOL150	0	0.76985E-03		492325.0	3761335.6	691.0	5.00	31.82	1.40	
YES	NO									
VOL151	0	0.76985E-03		492322.6	3761477.1	685.4	5.00	31.82	1.40	
YES	NO									
VOL152	0	0.76985E-03		492305.1	3761068.7	680.8	5.00	31.82	1.40	
YES	NO									
VOL153	0	0.76985E-03		492322.6	3761194.1	682.6	5.00	31.82	1.40	
YES	NO									
VOL154	0	0.76985E-03		492191.5	3761335.6	683.7	5.00	31.82	1.40	
YES	NO									
VOL155	0	0.76985E-03		492189.2	3761477.1	693.8	5.00	31.82	1.40	
YES	NO									
VOL156	0	0.76985E-03		492238.4	3761059.6	676.0	5.00	31.82	1.40	
YES	NO									
VOL157	0	0.76985E-03		492189.2	3761194.1	677.8	5.00	31.82	1.40	
YES	NO									
VOL158	0	0.76985E-03		492419.9	3760998.3	689.8	5.00	31.82	1.40	
YES	NO									
VOL159	0	0.76985E-03		492111.4	3761281.5	683.5	5.00	31.82	1.40	
YES	NO									
VOL160	0	0.76985E-03		492055.5	3761413.1	669.3	5.00	31.82	1.40	
YES	NO									
VOL161	0	0.76985E-03		492057.3	3761515.9	682.8	5.00	31.82	1.40	
YES	NO									
VOL162	0	0.76985E-03		492008.6	3761494.3	684.2	5.00	31.82	1.40	
YES	NO									
VOL163	0	0.76985E-03		492014.1	3761416.7	668.3	5.00	31.82	1.40	
YES	NO									
VOL164	0	0.76985E-03		492190.8	3761535.8	686.1	5.00	31.82	1.40	
YES	NO									
VOL165	0	0.76985E-03		492326.1	3761519.5	681.3	5.00	31.82	1.40	
YES	NO									
VOL166	0	0.76985E-03		493401.0	3761806.3	709.4	5.00	31.82	1.40	
YES	NO									
VOL167	0	0.76985E-03		493514.6	3761800.9	707.0	5.00	31.82	1.40	
YES	NO									
VOL168	0	0.76985E-03		491218.7	3762466.4	662.9	5.00	31.82	1.40	
YES	NO									
VOL169	0	0.76985E-03		491225.9	3762334.7	670.5	5.00	31.82	1.40	
YES	NO									
VOL170	0	0.76985E-03		491247.5	3762210.3	671.3	5.00	31.82	1.40	
YES	NO									

VOL171 0 0.76985E-03 491083.4 3762369.0 660.6 5.00 31.82 1.40
YES NO
VOL172 0 0.76985E-03 491112.3 3762230.1 666.9 5.00 31.82 1.40
YES NO
VOL173 0 0.76985E-03 490867.0 3762534.9 630.8 5.00 31.82 1.40
YES NO
VOL174 0 0.76985E-03 490726.3 3762533.1 641.0 5.00 31.82 1.40
YES NO
VOL175 0 0.76985E-03 490347.6 3762574.6 669.2 5.00 31.82 1.40
YES NO
VOL176 0 0.76985E-03 490208.7 3762567.4 659.0 5.00 31.82 1.40
YES NO
VOL177 0 0.76985E-03 490073.4 3762509.7 648.6 5.00 31.82 1.40
YES NO
VOL178 0 0.76985E-03 489936.4 3762468.2 645.5 5.00 31.82 1.40
YES NO
VOL179 0 0.76985E-03 490425.1 3762441.2 661.4 5.00 31.82 1.40
YES NO
VOL180 0 0.76985E-03 490289.9 3762439.4 676.6 5.00 31.82 1.40
YES NO
VOL181 0 0.76985E-03 490154.6 3762435.7 660.5 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
VOL182	0	0.76985E-03	490024.7	3762374.4	646.6	5.00	31.82	1.40	YES
VOL183	0	0.76985E-03	490349.4	3762309.5	666.3	5.00	31.82	1.40	YES
VOL184	0	0.76985E-03	490214.1	3762304.1	672.6	5.00	31.82	1.40	YES
VOL185	0	0.76985E-03	490082.5	3762298.7	667.9	5.00	31.82	1.40	YES
VOL186	0	0.76985E-03	489977.9	3762239.2	678.2	5.00	31.82	1.40	YES
VOL187	0	0.76985E-03	489923.7	3762147.2	674.0	5.00	31.82	1.40	YES
VOL188	0	0.76985E-03	490055.4	3762116.5	674.4	5.00	31.82	1.40	YES
VOL189	0	0.76985E-03	490116.7	3762165.2	679.8	5.00	31.82	1.40	YES
VOL190	0	0.76985E-03	490226.7	3762168.8	662.6	5.00	31.82	1.40	YES
VOL191	0	0.76985E-03	490149.2	3762037.2	660.1	5.00	31.82	1.40	YES
VOL192	0	0.76985E-03	494140.4	3761657.6	711.0	5.00	31.82	1.40	YES
VOL193	0	0.76985E-03	494263.5	3761644.8	714.4	5.00	31.82	1.40	YES

VOL194	0	0.76985E-03	494344.1	3761139.8	717.6	5.00	31.82	1.40
YES		NO						
VOL195	0	0.76985E-03	494437.5	3761008.3	705.9	5.00	31.82	1.40
YES		NO						
VOL196	0	0.76985E-03	494571.2	3761052.8	712.5	5.00	31.82	1.40
YES		NO						
VOL197	0	0.76985E-03	494431.1	3761139.8	722.3	5.00	31.82	1.40
YES		NO						
VOL198	0	0.76985E-03	494429.0	3761224.7	720.2	5.00	31.82	1.40
YES		NO						
VOL199	0	0.76985E-03	494569.1	3761184.4	716.6	5.00	31.82	1.40
YES		NO						
VOL200	0	0.76985E-03	491355.9	3762468.8	684.9	5.00	31.82	1.40
YES		NO						
VOL201	0	0.76985E-03	491355.9	3762339.3	685.0	5.00	31.82	1.40
YES		NO						
VOL202	0	0.76985E-03	491477.0	3762439.5	673.5	5.00	31.82	1.40
YES		NO						
VOL203	0	0.76985E-03	492654.6	3762000.7	693.4	5.00	31.82	1.40
YES		NO						
VOL204	0	0.76985E-03	492789.0	3762024.0	698.2	5.00	31.82	1.40
YES		NO						
VOL205	0	0.76985E-03	492859.9	3762014.8	699.4	5.00	31.82	1.40
YES		NO						
VOL206	0	0.76985E-03	492855.7	3761893.6	694.7	5.00	31.82	1.40
YES		NO						
VOL207	0	0.76985E-03	492848.7	3761753.0	689.6	5.00	31.82	1.40
YES		NO						
VOL208	0	0.76985E-03	492716.4	3761750.2	694.9	5.00	31.82	1.40
YES		NO						
VOL209	0	0.76985E-03	492768.0	3761883.9	694.8	5.00	31.82	1.40
YES		NO						
VOL210	0	0.76985E-03	493508.5	3761601.1	708.9	5.00	31.82	1.40
YES		NO						
VOL211	0	0.76985E-03	493505.2	3761466.7	686.8	5.00	31.82	1.40
YES		NO						
VOL212	0	0.76985E-03	493510.2	3761332.4	683.2	5.00	31.82	1.40
YES		NO						
VOL213	0	0.76985E-03	493492.1	3761227.5	682.8	5.00	31.82	1.40
YES		NO						
VOL214	0	0.76985E-03	493597.0	3761463.4	690.2	5.00	31.82	1.40
YES		NO						
VOL215	0	0.76985E-03	493616.7	3761335.6	681.8	5.00	31.82	1.40
YES		NO						
VOL216	0	0.76985E-03	490886.0	3761758.3	670.2	5.00	31.82	1.40
YES		NO						
VOL217	0	0.76985E-03	490872.5	3761650.4	671.5	5.00	31.82	1.40
YES		NO						
VOL218	0	0.76985E-03	490756.9	3761795.0	659.5	5.00	31.82	1.40
YES		NO						
VOL219	0	0.76985E-03	490743.4	3761679.3	673.1	5.00	31.82	1.40
YES		NO						
VOL220	0	0.76985E-03	490701.0	3761902.9	656.2	5.00	31.82	1.40
YES		NO						
VOL221	0	0.76985E-03	490564.1	3761870.1	665.2	5.00	31.82	1.40
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE SCALAR VARY BY
VOL222	0	0.76985E-03	490431.1	3761864.4	673.6	5.00	31.82	1.40	YES
VOL223	0	0.76985E-03	490332.8	3761829.7	675.2	5.00	31.82	1.40	YES
VOL224	0	0.76985E-03	490307.8	3761733.3	676.1	5.00	31.82	1.40	YES
VOL225	0	0.76985E-03	490448.5	3761725.6	677.0	5.00	31.82	1.40	YES
VOL226	0	0.76985E-03	490577.6	3761733.3	674.4	5.00	31.82	1.40	YES
VOL227	0	0.76985E-03	490668.2	3761773.8	666.8	5.00	31.82	1.40	YES
VOL228	0	0.76985E-03	490074.5	3761694.7	668.0	5.00	31.82	1.40	YES
VOL229	0	0.76985E-03	490084.2	3761548.2	673.3	5.00	31.82	1.40	YES
VOL230	0	0.76985E-03	489947.3	3761532.8	673.8	5.00	31.82	1.40	YES
VOL231	0	0.76985E-03	489812.4	3761476.9	667.9	5.00	31.82	1.40	YES
VOL232	0	0.76985E-03	489739.1	3761488.5	668.5	5.00	31.82	1.40	YES
VOL233	0	0.76985E-03	490205.6	3761627.3	670.8	5.00	31.82	1.40	YES
VOL235	0	0.76985E-03	490014.8	3761714.0	660.8	5.00	31.82	1.40	YES
VOL236	0	0.76985E-03	489798.9	3762429.1	665.9	5.00	31.82	1.40	YES
VOL237	0	0.76985E-03	489681.3	3762438.8	667.2	5.00	31.82	1.40	YES
VOL238	0	0.76985E-03	489671.7	3762305.8	664.8	5.00	31.82	1.40	YES
VOL239	0	0.76985E-03	489808.5	3762305.8	670.4	5.00	31.82	1.40	YES
VOL240	0	0.76985E-03	489904.9	3762334.7	671.7	5.00	31.82	1.40	YES
VOL241	0	0.76985E-03	489845.1	3762168.9	672.3	5.00	31.82	1.40	YES
VOL242	0	0.76985E-03	489708.3	3762170.8	682.2	5.00	31.82	1.40	YES
VOL243	0	0.76985E-03	489669.7	3762165.0	678.8	5.00	31.82	1.40	YES
VOL244	0	0.76985E-03	489662.0	3762032.1	681.2	5.00	31.82	1.40	YES
VOL245	0	0.76985E-03	489802.7	3762032.1	676.7	5.00	31.82	1.40	YES
VOL246	0	0.76985E-03	489941.5	3762008.9	669.3	5.00	31.82	1.40	YES
VOL247	0	0.76985E-03	490036.0	3761981.9	670.4	5.00	31.82	1.40	YES
VOL248	0	0.76985E-03	490009.0	3761843.2	663.4	5.00	31.82	1.40	YES
VOL249	0	0.76985E-03	489899.1	3761875.9	660.1	5.00	31.82	1.40	YES
VOL250	0	0.76985E-03	489808.5	3761895.2	671.5	5.00	31.82	1.40	YES

VOL251 0 0.76985E-03 489669.7 3761889.4 668.6 5.00 31.82 1.40
YES NO
VOL252 0 0.76985E-03 489866.3 3761787.3 661.2 5.00 31.82 1.40
YES NO
VOL253 0 0.76985E-03 489725.6 3761785.3 669.0 5.00 31.82 1.40
YES NO
VOL254 0 0.76985E-03 490479.5 3762532.8 635.8 5.00 31.82 1.40
YES NO
VOL255 0 0.76985E-03 490599.4 3762518.8 626.8 5.00 31.82 1.40
YES NO
VOL256 0 0.76985E-03 490971.6 3762447.1 635.5 5.00 31.82 1.40
YES NO
VOL257 0 0.76985E-03 491089.9 3762468.9 663.0 5.00 31.82 1.40
YES NO
VOL258 0 0.76985E-03 491006.0 3761570.2 677.5 5.00 31.82 1.40
YES NO
VOL259 0 0.76985E-03 491143.1 3761571.7 657.8 5.00 31.82 1.40
YES NO
VOL260 0 0.76985E-03 491278.5 3761567.1 669.7 5.00 31.82 1.40
YES NO
VOL261 0 0.76985E-03 493581.7 3761666.7 707.1 5.00 31.82 1.40
YES NO
VOL262 0 0.76985E-03 493594.1 3761563.9 684.0 5.00 31.82 1.40
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL263	0	0.76985E-03	494462.9	3760869.0	700.3	5.00	31.82	1.40
YES		NO						
VOL264	0	0.76985E-03	493760.1	3760912.3	681.9	5.00	31.82	1.40
YES		NO						
VOL265	0	0.76985E-03	492959.0	3761011.0	668.8	5.00	31.82	1.40
YES		NO						
VOL266	0	0.76985E-03	491541.7	3762540.3	681.6	5.00	31.82	1.40
YES		NO						
VOL267	0	0.76985E-03	492117.1	3761843.8	682.3	5.00	31.82	1.40
YES		NO						
VOL268	0	0.76985E-03	490185.8	3761768.3	673.4	5.00	31.82	1.40
YES		NO						
VOL269	0	0.76985E-03	490134.1	3761832.9	671.1	5.00	31.82	1.40
YES		NO						
VOL270	0	0.76985E-03	490166.4	3761910.5	671.3	5.00	31.82	1.40
YES		NO						
VOL271	0	0.76985E-03	490284.9	3761968.7	669.5	5.00	31.82	1.40
YES		NO						
VOL272	0	0.76985E-03	490289.2	3762059.2	665.2	5.00	31.82	1.40
YES		NO						
VOL273	0	0.76985E-03	490427.1	3761994.6	673.7	5.00	31.82	1.40
YES		NO						

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 VOL274          0   0.76985E-03  490259.0 3761876.0   673.4     5.00    31.82     1.40
 YES                   NO
 VOL275          0   0.76985E-03  490427.1 3762085.1   669.5     5.00    31.82     1.40
 YES                   NO
 VOL276          0   0.76985E-03  490567.2 3761998.9   666.8     5.00    31.82     1.40
 YES                   NO
 VOL277          0   0.76985E-03  490565.1 3762130.3   669.5     5.00    31.82     1.40
 YES                   NO
 VOL278          0   0.76985E-03  490627.5 3762261.8   653.7     5.00    31.82     1.40
 YES                   NO
 VOL279          0   0.76985E-03  490713.7 3762378.2   652.7     5.00    31.82     1.40
 YES                   NO
 VOL280          0   0.76985E-03  490707.3 3762039.8   663.0     5.00    31.82     1.40
 YES                   NO
 VOL281          0   0.76985E-03  490707.3 3762173.4   671.8     5.00    31.82     1.40
 YES                   NO
 VOL282          0   0.76985E-03  490752.5 3762263.9   667.0     5.00    31.82     1.40
 YES                   NO
 VOL283          0   0.76985E-03  490836.6 3761936.4   668.4     5.00    31.82     1.40
 YES                   NO
 VOL284          0   0.76985E-03  490840.9 3762076.5   645.1     5.00    31.82     1.40
 YES                   NO
 VOL285          0   0.76985E-03  490819.3 3762164.8   652.5     5.00    31.82     1.40
 YES                   NO
 VOL286          0   0.76985E-03  491009.0 3761705.8   674.3     5.00    31.82     1.40
 YES                   NO
 VOL287          0   0.76985E-03  491144.7 3761705.8   675.7     5.00    31.82     1.40
 YES                   NO
 VOL288          0   0.76985E-03  491274.0 3761701.5   680.1     5.00    31.82     1.40
 YES                   NO
 VOL289          0   0.76985E-03  490892.6 3761891.1   663.5     5.00    31.82     1.40
 YES                   NO
 VOL290          0   0.76985E-03  491017.6 3761839.4   657.1     5.00    31.82     1.40
 YES                   NO
 VOL291          0   0.76985E-03  491153.4 3761841.6   674.8     5.00    31.82     1.40
 YES                   NO
 VOL292          0   0.76985E-03  491280.5 3761841.6   686.0     5.00    31.82     1.40
 YES                   NO
 VOL293          0   0.76985E-03  491315.0 3761906.2   669.4     5.00    31.82     1.40
 YES                   NO
 VOL294          0   0.76985E-03  491177.1 3761910.5   662.7     5.00    31.82     1.40
 YES                   NO
 VOL295          0   0.76985E-03  491039.1 3761925.6   663.6     5.00    31.82     1.40
 YES                   NO
 VOL296          0   0.76985E-03  490957.3 3762014.0   645.0     5.00    31.82     1.40
 YES                   NO
 VOL297          0   0.76985E-03  490334.5 3761595.9   680.2     5.00    31.82     1.40
 YES                   NO
 VOL298          0   0.76985E-03  490431.4 3761604.5   677.6     5.00    31.82     1.40
 YES                   NO
 VOL299          0   0.76985E-03  492575.6 3761736.0   692.0     5.00    31.82     1.40
 YES                   NO
 VOL300          0   0.76985E-03  492629.5 3761863.1   690.3     5.00    31.82     1.40
 YES                   NO
 VOL301          0   0.76985E-03  492517.5 3761802.8   685.0     5.00    31.82     1.40
 YES                   NO
 VOL302          0   0.76985E-03  491368.9 3761522.6   658.3     5.00    31.82     1.40
 YES                   NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:45:42

                     PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE SCALAR VARY BY	EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL303	0		0.76985E-03	491502.5	3761585.1	662.4	5.00	31.82	1.40
YES		NO							
VOL304	0		0.76985E-03	491638.2	3761662.7	643.6	5.00	31.82	1.40
YES		NO							

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
	VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
	VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
	VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
	VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
	VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
	VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
	VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
	VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
	VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
	VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 , VOL108 , VOL109 ,
	VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 , VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 , VOL188 , VOL189 ,
	VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 , VOL196 , VOL197 ,
	VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 , VOL204 , VOL205 ,
	VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 , VOL212 , VOL213 ,
	VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 , VOL220 , VOL221 ,
	VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 , VOL228 , VOL229 ,
	VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 , VOL237 , VOL238 ,
	VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 , VOL245 , VOL246 ,
	VOL247 , VOL248 , VOL249 , VOL250 , VOL251 , VOL252 , VOL253 , VOL254 ,

VOL255 , VOL256 , VOL257 , VOL258 , VOL259 , VOL260 ,
VOL261 , VOL262 ,

VOL263 , VOL264 , VOL265 , VOL266 , VOL267 , VOL268 ,
VOL269 , VOL270 ,

VOL271 , VOL272 , VOL273 , VOL274 , VOL275 , VOL276 ,
VOL277 , VOL278 ,

VOL279 , VOL280 , VOL281 , VOL282 , VOL283 , VOL284 ,
VOL285 , VOL286 ,

VOL287 , VOL288 , VOL289 , VOL290 , VOL291 , VOL292 ,
VOL293 , VOL294 ,

VOL295 , VOL296 , VOL297 , VOL298 , VOL299 , VOL300 ,
VOL301 , VOL302 ,

VOL303 , VOL304 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 ,
		VOL12 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,
		VOL23 , VOL24 , VOL25 , VOL26 , VOL30 , VOL31 , VOL35 , VOL36 ,
		VOL37 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 ,
		VOL53 , VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL59 , VOL60 ,
		VOL61 , VOL62 , VOL63 , VOL64 , VOL65 , VOL66 , VOL67 , VOL68 ,
		VOL69 , VOL70 , VOL71 , VOL72 , VOL74 , VOL75 , VOL76 , VOL77 ,
		VOL78 , VOL79 , VOL80 , VOL81 , VOL82 , VOL83 , VOL84 , VOL85 ,
		VOL86 , VOL87 , VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
		VOL94 , VOL95 , VOL96 , VOL97 , VOL98 , VOL99 , VOL100 , VOL101 ,
		VOL102 , VOL103 , VOL104 , VOL105 , VOL106 , VOL107 ,

VOL108 , VOL109 ,

VOL110 , VOL111 , VOL112 , VOL113 , VOL114 , VOL115 ,
VOL116 , VOL117 ,

VOL118 , VOL119 , VOL120 , VOL121 , VOL122 , VOL123 ,
VOL124 , VOL125 ,

VOL126 , VOL127 , VOL128 , VOL129 , VOL130 , VOL131 ,
VOL132 , VOL133 ,

VOL134 , VOL135 , VOL136 , VOL137 , VOL138 , VOL139 ,
VOL140 , VOL141 ,

VOL142 , VOL143 , VOL144 , VOL145 , VOL146 , VOL147 ,
VOL148 , VOL149 ,

VOL150 , VOL151 , VOL152 , VOL153 , VOL154 , VOL155 ,
VOL156 , VOL157 ,

VOL158 , VOL159 , VOL160 , VOL161 , VOL162 , VOL163 ,
VOL164 , VOL165 ,

VOL166 , VOL167 , VOL168 , VOL169 , VOL170 , VOL171 ,
VOL172 , VOL173 ,

VOL174 , VOL175 , VOL176 , VOL177 , VOL178 , VOL179 ,
VOL180 , VOL181 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

VOL182 , VOL183 , VOL184 , VOL185 , VOL186 , VOL187 ,
VOL188 , VOL189 ,

VOL190 , VOL191 , VOL192 , VOL193 , VOL194 , VOL195 ,
VOL196 , VOL197 ,

VOL198 , VOL199 , VOL200 , VOL201 , VOL202 , VOL203 ,
VOL204 , VOL205 ,

VOL206 , VOL207 , VOL208 , VOL209 , VOL210 , VOL211 ,
VOL212 , VOL213 ,

VOL214 , VOL215 , VOL216 , VOL217 , VOL218 , VOL219 ,
VOL220 , VOL221 ,

VOL222 , VOL223 , VOL224 , VOL225 , VOL226 , VOL227 ,
VOL228 , VOL229 ,

VOL230 , VOL231 , VOL232 , VOL233 , VOL235 , VOL236 ,
VOL237 , VOL238 ,

VOL239 , VOL240 , VOL241 , VOL242 , VOL243 , VOL244 ,
VOL245 , VOL246 ,

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          VOL247      , VOL248      , VOL249      , VOL250      , VOL251      , VOL252      ,
          VOL253      , VOL254      ,

          VOL255      , VOL256      , VOL257      , VOL258      , VOL259      , VOL260      ,
          VOL261      , VOL262      ,

          VOL263      , VOL264      , VOL265      , VOL266      , VOL267      , VOL268      ,
          VOL269      , VOL270      ,

          VOL271      , VOL272      , VOL273      , VOL274      , VOL275      , VOL276      ,
          VOL277      , VOL278      ,

          VOL279      , VOL280      , VOL281      , VOL282      , VOL283      , VOL284      ,
          VOL285      , VOL286      ,

          VOL287      , VOL288      , VOL289      , VOL290      , VOL291      , VOL292      ,
          VOL293      , VOL294      ,

          VOL295      , VOL296      , VOL297      , VOL298      , VOL299      , VOL300      ,
          VOL301      , VOL302      ,

          VOL303      , VOL304      ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        15:45:42

                    PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

    ( 493343.8, 3762037.3,     711.3,     711.3,       2.0);         ( 493410.0, 3761986.4,
    713.0,     713.0,       2.0);
    ( 493417.5, 3761973.0,     713.0,     713.0,       2.0);         ( 493468.3, 3761958.4,
    714.0,     714.0,       2.0);
    ( 493499.8, 3761947.4,     713.9,     713.9,       2.0);         ( 493614.4, 3761892.8,
    711.3,     711.3,       2.0);
    ( 493613.7, 3761905.0,     712.0,     712.0,       2.0);         ( 493614.4, 3761917.1,
    712.9,     712.9,       2.0);
    ( 493614.4, 3761927.4,     713.5,     713.5,       2.0);         ( 493613.3, 3761940.2,
    714.2,     714.2,       2.0);
    ( 493616.5, 3761952.1,     714.8,     714.8,       2.0);         ( 493615.2, 3761961.7,
    715.2,     715.2,       2.0);
    ( 493614.5, 3761973.8,     715.6,     715.6,       2.0);         ( 493614.0, 3761985.0,
    716.0,     716.0,       2.0);
    ( 493613.7, 3761996.5,     716.0,     716.0,       2.0);         ( 493614.2, 3762007.4,
    716.0,     716.0,       2.0);
    ( 493615.8, 3762018.6,     716.0,     716.0,       2.0);         ( 493614.7, 3762025.7,
    716.1,     716.1,       2.0);
    ( 493614.4, 3762035.0,     716.3,     716.3,       2.0);         ( 493613.1, 3762043.7,
    716.4,     716.4,       2.0);
    ( 493613.7, 3762052.1,     716.5,     716.5,       2.0);         ( 493613.8, 3762061.6,
    716.7,     716.7,       2.0);
    ( 493614.2, 3762071.5,     716.9,     716.9,       2.0);         ( 493696.5, 3761742.5,
    707.6,     725.0,       2.0);
    ( 493707.3, 3761768.9,     706.9,     725.0,       2.0);         ( 493728.0, 3761742.8,
    710.3,     725.0,       2.0);
    ( 493755.6, 3761733.7,     712.8,     725.0,       2.0);         ( 493750.5, 3761720.6,
    712.0,     725.0,       2.0);
    ( 493745.9, 3761709.5,     711.5,     725.0,       2.0);         ( 493741.4, 3761696.9,
    711.0,     725.0,       2.0);
    ( 493738.5, 3761681.0,     710.9,     726.0,       2.0);         ( 493737.4, 3761663.9,
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711.5, 726.0, 2.0);
(493736.5, 3761651.4, 711.4, 726.0, 2.0); (494418.1, 3761416.1,
723.3, 723.3, 2.0);
(494473.7, 3761368.1, 723.5, 723.5, 2.0); (494939.8, 3761394.3,
726.8, 740.0, 2.0);
(494686.4, 3761403.4, 733.0, 733.0, 2.0); (494576.0, 3761568.6,
731.5, 731.5, 2.0);
(494541.5, 3761602.8, 730.6, 730.6, 2.0); (494822.5, 3761435.2,
735.9, 740.0, 2.0);
(494846.2, 3761504.6, 735.0, 735.0, 2.0); (494841.1, 3761535.8,
735.0, 735.0, 2.0);
(494837.9, 3761553.1, 735.1, 735.1, 2.0); (494885.6, 3761199.1,
718.8, 718.8, 2.0);
(494976.7, 3761325.6, 731.5, 732.0, 2.0); (494985.3, 3761366.2,
730.7, 730.7, 2.0);
(495070.9, 3761299.2, 719.5, 745.0, 2.0); (495115.5, 3760632.6,
721.9, 721.9, 2.0);
(495069.0, 3760685.3, 721.5, 721.5, 2.0); (495087.5, 3760728.3,
723.6, 723.6, 2.0);
(495079.9, 3760834.5, 723.0, 729.0, 2.0); (495202.4, 3760883.6,
731.0, 731.0, 2.0);
(495237.6, 3760939.3, 731.2, 731.2, 2.0); (495298.5, 3761048.6,
729.3, 732.0, 2.0);
(490844.4, 3759375.8, 587.9, 785.0, 2.0); (490895.8, 3759357.7,
586.8, 785.0, 2.0);
(490596.7, 3759246.7, 597.3, 785.0, 2.0); (489103.6, 3759859.2,
567.9, 779.0, 2.0);
(488940.5, 3759893.3, 560.4, 781.0, 2.0); (488472.3, 3759865.6,
559.4, 781.0, 2.0);
(488432.5, 3759884.3, 559.3, 781.0, 2.0); (488713.1, 3759827.8,
560.0, 781.0, 2.0);
(487562.3, 3760285.6, 540.4, 775.0, 2.0); (487809.3, 3760420.9,
541.1, 774.0, 2.0);
(487553.1, 3761208.2, 551.7, 699.0, 2.0); (487899.8, 3760972.4,
552.2, 706.0, 2.0);
(487983.2, 3762301.2, 555.5, 699.0, 2.0); (487913.7, 3762403.2,
548.5, 696.0, 2.0);
(487890.6, 3762238.1, 554.6, 699.0, 2.0); (488190.1, 3762513.9,
548.5, 706.0, 2.0);
(488424.4, 3762586.5, 547.0, 706.0, 2.0); (488657.5, 3762495.9,
566.8, 706.0, 2.0);
(488908.2, 3762583.2, 569.9, 706.0, 2.0); (489170.3, 3762660.8,
588.4, 687.0, 2.0);
(489382.2, 3762809.6, 594.9, 686.0, 2.0); (489294.9, 3762783.6,
591.7, 687.0, 2.0);
(489889.7, 3762661.2, 634.0, 683.0, 2.0); (490022.9, 3762783.3,
608.4, 683.0, 2.0);
(490424.0, 3762839.2, 608.0, 692.0, 2.0); (490375.9, 3762870.4,
609.0, 692.0, 2.0);
(491453.1, 3762845.5, 638.6, 693.0, 2.0); (491132.3, 3762903.5,
624.8, 693.0, 2.0);
(492890.9, 3762203.2, 695.8, 718.0, 2.0); (492961.5, 3762258.5,
697.9, 718.0, 2.0);
(493034.0, 3762272.6, 710.8, 718.0, 2.0); (493032.3, 3762205.2,
706.1, 718.0, 2.0);
(493087.3, 3762215.2, 710.1, 718.0, 2.0); (493079.9, 3762296.4,
710.1, 718.0, 2.0);
(493163.8, 3762367.2, 696.6, 718.0, 2.0); (493068.9, 3762510.0,
704.0, 708.0, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(493101.1, 3762454.7, 706.2, 706.2, 2.0); (493281.8, 3762369.2, 705.3, 705.3, 2.0);
(493351.5, 3762095.4, 712.2, 712.2, 2.0); (493439.5, 3762105.8, 714.0, 714.0, 2.0);
(493972.9, 3763044.2, 720.3, 720.3, 2.0); (493957.0, 3763184.1, 717.8, 717.8, 2.0);
(493583.5, 3763480.4, 696.8, 696.8, 2.0); (493258.5, 3763568.1, 691.3, 707.0, 2.0);
(492895.8, 3763485.7, 678.5, 697.0, 2.0); (493781.0, 3761659.0, 719.0, 725.0, 2.0);
(493797.6, 3761658.3, 720.2, 725.0, 2.0); (493831.9, 3761631.5, 722.8, 724.0, 2.0);
(493900.2, 3761664.0, 723.5, 723.5, 2.0); (493918.6, 3761666.1, 722.4, 725.0, 2.0);
(493929.5, 3761662.2, 721.1, 725.0, 2.0); (493945.8, 3761667.9, 723.3, 723.3, 2.0);
(493758.4, 3761524.3, 724.8, 724.8, 2.0); (493961.0, 3761672.8, 724.3, 724.3, 2.0);
(493975.2, 3761679.6, 722.8, 722.8, 2.0); (493987.5, 3761687.7, 723.2, 723.2, 2.0);
(493998.9, 3761697.2, 722.6, 726.0, 2.0); (494007.7, 3761707.5, 723.6, 726.0, 2.0);
(494016.9, 3761718.1, 725.7, 725.7, 2.0); (494024.7, 3761730.8, 723.5, 726.0, 2.0);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90

```
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        15:45:42

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5        ,
                                  VOL6        , VOL7        , VOL8        ,
                    VOL9        , VOL10       , VOL11       , VOL12       , VOL16       ,
                    VOL17       , VOL18       , VOL19       ,
                    VOL20       , VOL21       , VOL22       , VOL23       , VOL24       ,
                    VOL25       , VOL26       , VOL30       ,
                    VOL31       , VOL35       , VOL36       , VOL37       , VOL46       ,
                    VOL47       , VOL48       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_2.5   IN
                                      MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
     (M)        CONC     (YYMMDDHH)
- - - -
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```
      3762025.73        0.40941  (13030624)
      493614.36   3762035.00        0.40547  (13030624)                493613.13
      3762043.74        0.40209  (13030624)
      493613.66   3762052.14        0.39835  (13030624)                493613.83
      3762061.58        0.39429  (13030624)
      493614.18   3762071.55        0.39000  (13030624)                493696.46
      3761742.53        0.55118m (14111524)
      493707.35   3761768.92        0.51719m (14111524)                493727.98
      3761742.80        0.53473  (13070724)
      493755.61   3761733.69        0.54765  (13070724)                493750.48
      3761720.58        0.54678  (13070724)
      493745.92   3761709.48        0.54797  (13070724)                493741.37
      3761696.95        0.55550  (13070724)
      493738.52   3761681.00        0.56440  (13070724)                493737.38
      3761663.91        0.57346m (14111524)
      493736.52   3761651.38        0.58313m (14111524)                494418.08
      3761416.13        0.61314  (13070724)
      494473.73   3761368.11        0.59149  (13070724)                494939.85
      3761394.35        0.39642  (13070724)
      494686.37   3761403.42        0.43442  (13070724)                494575.98
      3761568.60        0.41292  (13070724)
      494541.49   3761602.79        0.42336  (13070724)                494822.53
      3761435.24        0.38407  (13070724)
      494846.18   3761504.63        0.36665  (13070724)                494841.06
      3761535.78        0.36092  (13070724)
      494837.90   3761553.12        0.35737  (13070724)                494885.61
      3761199.09        0.44267  (13070724)
      494976.68   3761325.65        0.40470  (13070724)                494985.35
      3761366.25        0.39132  (13070724)
      495070.90   3761299.23        0.37820  (13070724)                495115.47
      3760632.60        0.36171  (12073124)
      495069.03   3760685.30        0.38635  (12073124)                495087.55
      3760728.31        0.39835  (12073124)
      495079.90   3760834.52        0.41303  (12073124)                495202.38
      3760883.65        0.38829  (12073124)
      495237.63   3760939.31        0.37808c (12080524)                495298.45
      3761048.56        0.37577c (13090124)
      490844.43   3759375.83        0.08444  (15011124)                490895.79
      3759357.70        0.08426  (15011124)
      490596.67   3759246.67        0.07737  (15011124)                489103.59
      3759859.22        0.07024  (15122224)
      488940.48   3759893.26        0.06731  (15122224)                488472.34
      3759865.64        0.05803  (15122224)
      488432.53   3759884.27        0.05766  (15122224)                488713.15
      3759827.76        0.06157  (15122224)
      487562.29   3760285.62        0.04954  (13122624)                487809.35
      3760420.86        0.05468  (13122624)
      487553.10   3761208.24        0.05577  (12122024)                487899.76
      3760972.40        0.06130  (15122224)
      487983.18   3762301.23        0.07175  (15011124)                487913.66
      3762403.25        0.06837  (15011124)
      487890.59   3762238.09        0.06870  (15011124)                488190.14
      3762513.88        0.07765  (15011124)
      488424.39   3762586.51        0.08720  (15011124)                488657.54
      3762495.87        0.10554  (15011124)
      488908.17   3762583.23        0.12463  (15011124)                489170.26
      3762660.77        0.15521  (15011124)
      489382.17   3762809.64        0.17158  (15011124)                489294.91
      3762783.65        0.16129  (15011124)
      489889.72   3762661.22        0.38934m (14111524)                490022.93
      3762783.29        0.30782m (14111524)
      490423.96   3762839.25        0.31926m (14111524)                490375.94
      3762870.37        0.30115m (14111524)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa
Verde\15218 Ops CO\1 ***        05/15/24
 *** AERMET - VERSION  16216 ***
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 ,
VOL9 , VOL10 , VOL11 , VOL12 , VOL16 ,
VOL17 , VOL18 , VOL19 ,
VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
VOL25 , VOL26 , VOL30 ,
VOL31 , VOL35 , VOL36 , VOL37 , VOL46 ,
VOL47 , VOL48 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
491453.08	3762845.48	0.34973m	(14111524)	491132.33	3762903.51	0.30669m	(14111524)
492890.92	3762203.25	0.65010m	(14111524)	492961.55	3762258.51	0.53695	(14013024)
493033.99	3762272.60	0.49711	(14013024)	493032.31	3762205.18	0.53526	(14013024)
493087.32	3762215.25	0.49829	(14013024)	493079.94	3762296.41	0.47085	(14013024)
493163.79	3762367.18	0.38323	(14013024)	493068.87	3762510.05	0.36500	(14013024)
493101.07	3762454.71	0.38576	(14013024)	493281.84	3762369.19	0.38097	(14013024)
493351.51	3762095.42	0.47450	(14013024)	493439.48	3762105.84	0.43857	(14013024)
493972.90	3763044.23	0.15952	(12021924)	493957.03	3763184.09	0.14796	(12021924)
493583.55	3763480.45	0.12141	(12021924)	493258.47	3763568.15	0.12041	(13111624)
492895.78	3763485.72	0.13765m	(14111524)	493781.01	3761659.05	0.57287	(13070724)
493797.63	3761658.35	0.55924	(13070724)	493831.94	3761631.47	0.53737c	(12080524)
493900.20	3761664.01	0.50554	(13070724)	493918.59	3761666.13	0.50478	(13070724)
493929.55	3761662.24	0.50906	(13070724)	493945.82	3761667.90	0.49397	(13070724)
493758.37	3761524.30	0.60722	(13102324)	493961.03	3761672.85	0.48566	(13070724)
493975.18	3761679.57	0.48755	(13070724)	493987.55	3761687.70	0.48210	(13070724)
493998.87	3761697.25	0.47964	(13070724)	494007.71	3761707.51	0.47096	(13070724)
494016.91	3761718.12	0.45698	(13070724)	494024.69	3761730.85	0.46042	(13070724)

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.65010m ON 14111524:	AT (492890.92, 3762203.25, 695.85, 718.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\15218 Mesa Verde\15218 Ops CO\1 *** 05/15/24
*** AERMET - VERSION 16216 ***
*** *** 15:45:42

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 627 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 627 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
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